NAVAL HEALTH RESEARCH CENTER

FIELD MEDICAL SURVEILLANCE SYSTEM

USER'S MANUAL

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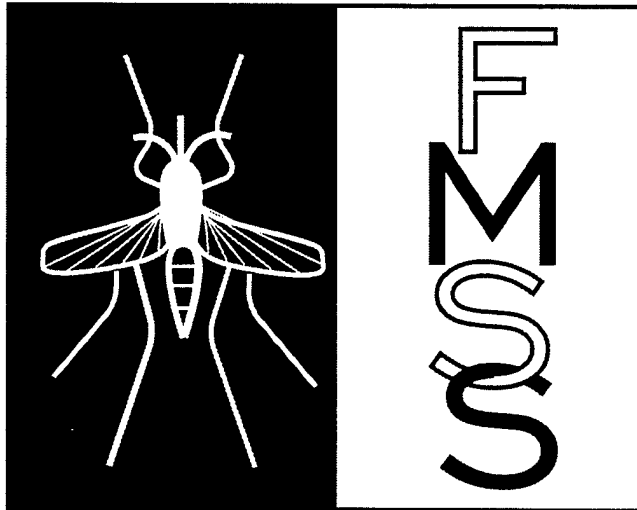
FIELD MEDICAL SURVEILLANCE SYSTEM

FIELD MEDICAL SURVEILLANCE SYSTEM

An easy-to-use Windows™ based program for medical surveillance, which allows Environmental Health Officers and Preventive Medicine Officers the ability to record, analyze, and disseminate data on diseases and illnesses that may occur during foreign deployments or conflicts. FMSS does this by integrating the Global Infectious Disease and Epidemiology Network (GIDEON) knowledge base with new patient information gathered during deployments.

User's Manual

Table of Contents

Introduction

What Is FMSS?

The Field Medical Surveillance System (FMSS), is intended for use at the first echelons of care, and was designed to help detect emerging health problems that might occur during foreign deployments or conflicts.

Incorporation of the GIDEON Database

Using an interface specific to military requirements, the system incorporates the Global Infectious Disease and Epidemiology Network (GIDEON), a well-known knowledge base for infectious and parasitic diseases. GIDEON is the product of more than 13 years of intensive collaboration between specialists in infectious diseases, epidemiology, and microbiology. The knowledge base covers 330 infectious and parasitic diseases, including their symptomatology (see Appendix A for a list of diseases included in GIDEON) from over 205 countries. GIDEON is designed to help diagnose most of the world's infectious diseases based on the signs, symptoms, and laboratory findings that you enter for your patient. FMSS also has a comprehensive list of injuries, noninfectious diseases, and mental illnesses that can be selected without the need for detailed symptomatology (see Appendix B for a list of diseases included in the FMSS database).

FMSS Features

FMSS can help determine incidence rates; project short-term trends; profile the characteristics of the affected population by person, time, and place; track mode of disease transmission; and generate various graphs and reports. The system also provides some on-line medical references, such as the *Control of Communicable Diseases Manual* (CCDM), *Tri-Service Reportable Events Guidelines and Case Definitions (TSRE)*, and select reports from the Armed Forces Medical Intelligence Center's (AFMIC) *Medical Environmental Disease Intelligence and Countermeasures* (MEDIC) CD-ROM.

FMSS Interface

FMSS is composed of six main menus. Similar commands are grouped under each of the main menus. The following defines the purpose of each of the six main menus in FMSS.

Field Medical Surveillance System - FMSSData.fpd

File   Demographics   Sick-call Data   Reports   Resources   Help

File:

Allows you to create a new database or open an existing database. For each database, there can be multiple military units. Once you open or create a new database you can open or create a unit. *Note: Unit may refer to a battalion aid station or a collecting and clearing company, etc.*

File
- New Database ...
- Open Database ...
- New Unit ...
- Open Unit ...
- Delete Unit ...
- Exit
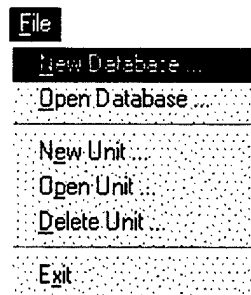
Demographics:

Allows you to record basic demographics for each patient by unit.

Demographics
- New Demographic ...
- Edit Demographic ...
- Delete Demographic ...
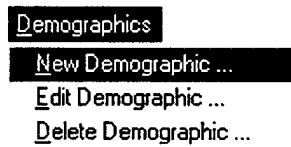
Sick-call Data:

Allows you to assign a diagnosis, edit an existing diagnosis, record treatments, consultations, and duty status.

Sick-call Data
- New Diagnosis ...
- Edit Diagnosis ...
- Delete Diagnosis ...
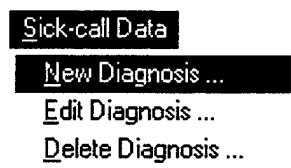
Reports:

Allows you to query the database to generate various graphs and reports.

Reports

Daily Logs ...
Patient Histories ...
Reportable Conditions ...
Classification Reports ...

Surveillance Reports ...
Surveillance Graphs ...

Resources:

Provides the following on-line medical references: CCDM, MEDIC, and the TSRE.

Resources

CCDM
MEDIC Reports
TSRE - Reportable Events Report

Help:

Provides copyright and additional information on FMSS, GIDEON, AFMIC/MEDIC and CCDM.

Help

About FMSS
About GIDEON
About AFMIC/MEDIC
About APHA/CCDM

Installation and Setup

Installing FMSS

Installing FMSS is simple. The installer application does all the work for you, and it puts all the data files where they belong on your hard drive. Before you install FMSS, check to see that your computer has the following minimum system requirements:

System requirements:

- 486 or higher IBM or 100% compatible PC

- Windows 95 or WinNT 4.0 or higher

- 64 MB of application RAM

- 60 MB free hard disk space

1. Insert the FMSS CD-ROM into your CD-ROM drive.

2. Double click on the FMSS Setup icon located on the CD-ROM.

3. The installation wizard will walk you through the installation process.

Opening a Database

Before you can start recording data into FMSS, you will need to open a database. You can open an existing database either at the opening screen or from the **File** menu.

To open a database from the opening screen follow these steps:

When you first open FMSS a screen will appear asking you if you want to open an existing database.

1. Select the **Open Existing FMSS Database** option from the "*Field Medical Surveillance System*" dialog box and click **OK.**

Field Medical Surveillance System ☒

○ Create New FMSS Database

◉ Open Existing FMSS Database

Search for FMSS patient databases ...
N:\...NewFiles\Database\FMSSData.fpd

OK   Cancel
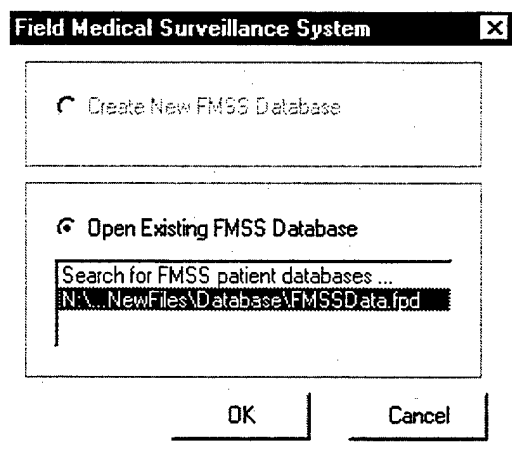
The database name will appear in the FMSS title bar with the FMSS patient data (.fpd) extension.

Field Medical Surveillance System FMSSData.fpd

File   Demographics   Sick-call Data   Reports   Resources   Help
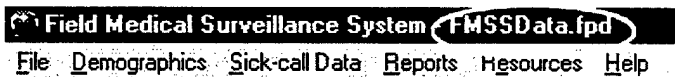
To open a database from the **File** menu follow the instructions below:

Select *Open Database. . .* from the File menu.

2.   Select a database filename from the *"Open"* dialog box, then click **Open**.

Open   ? ☒

Look in: Database   ▾

FMSSData.fpd

File name: FMSSData   Open

Files of type: FMSS Patient Data Databases (*.fpd)   ▾   Cancel
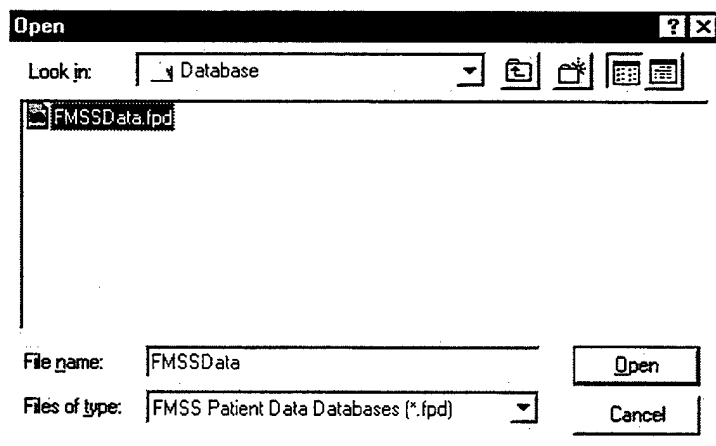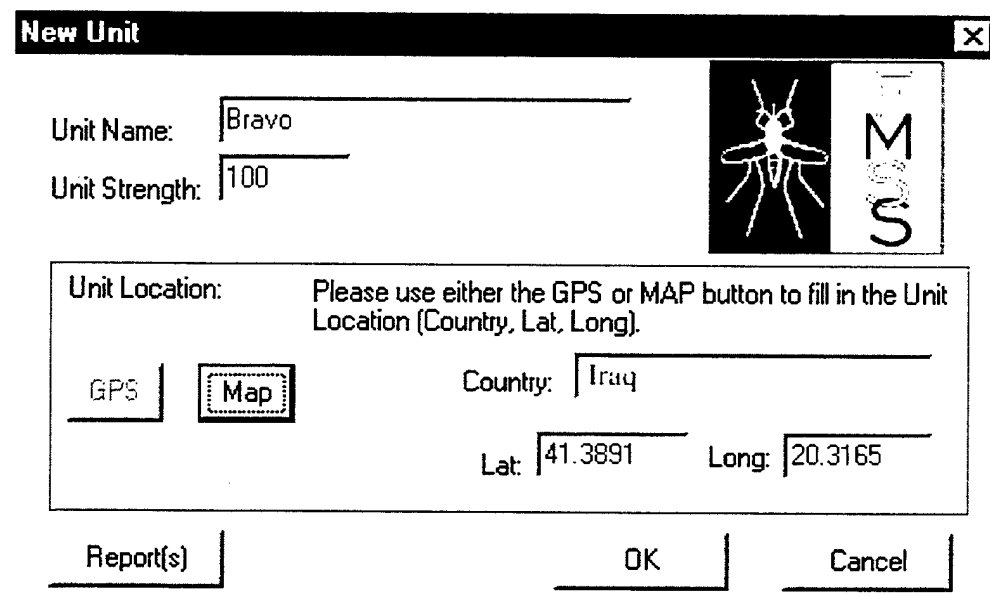
Creating a Unit

Before you can enter diagnosis and demographic data, you must create a unit. If you have already created a unit, FMSS will automatically open the last unit you were working on when the system boots up. Follow the instructions below for creating a unit.

1. Select *New Unit...* from the **File** menu
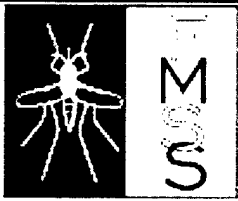
The *"New Unit,"* dialog box will appear:

```
┌─────────────────────────────────────────────────────────────────┐
│ New Unit                                                      [X] │
├─────────────────────────────────────────────────────────────────┤
│                                                                   │
│   Unit Name:     |Bravo                                           │
│                                                                   │
│   Unit Strength: |100                                             │
│                                                                   │
│   ┌───────────────────────────────────────────────────────────┐  │
│   │ Unit Location:   Please use either the GPS or MAP button to fill in the Unit │
│   │                  Location (Country, Lat, Long).            │  │
│   │                                                            │  │
│   │   GPS   | Map |   Country: |Iraq                           │  │
│   │                                                            │  │
│   │                  Lat: |41.3891    Long: |20.3165           │  │
│   └───────────────────────────────────────────────────────────┘  │
│                                                                   │
│   Report(s) |               OK |         Cancel |                 │
└─────────────────────────────────────────────────────────────────┘
```

2. Type a Unit name in the **Unit Name:** text edit box.

3. Enter population data (potential population at risk being served by the Unit) in the **Unit Strength:** text edit box.

4. To fill in the Country, Longitude and Latitude information click on the **Map** push button.

A map of the world will appear.
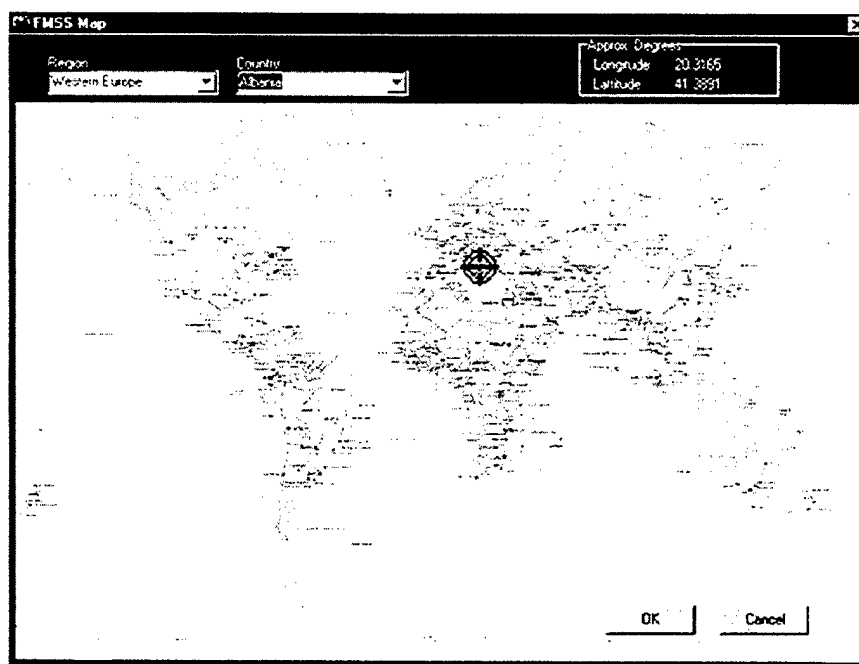
5. Select a region from the **Region:** list box.

*A list of countries associated with that region will appear in the **Country** list box.*

6. Select a country from the **Country:** list box.

7. Click **OK** to accept your selections.

When you select a region and country, FMSS will load a "Disease Threat Library," which includes all the known endemic infectious diseases for that country. This is done to increase the Bayesian probability of a correct diagnosis when using **Signs and Symptoms** by eliminating those diseases with similar symptomatology but are known not to occur in that particular country.

FMSS will automatically insert the country name, latitude, and longitude in the appropriate locations, and load a set of reports specific to the country selected. These reports are available by selecting the **Report(s)** option button.

To view country-specific reports follow the steps below:

8. Click on the **Report(s)** option button to view all available reports for a specific unit.

A list of reports will display in the "Reports" dialog box.

Reports   [X]

Select a report:
Reports are from AFMIC and GIDEON databases

Diseases in Iraq - GIDEON
Preventive Medicine Recommendations Summary for Iraq
Infectious Disease Risk Assesment Iraq
Environmental Health Risk Assesment Iraq
Medical Capabilities Overview Iraq
Operational Information Report Iraq
Disease Vector Profile Iraq

                           OK | Cancel
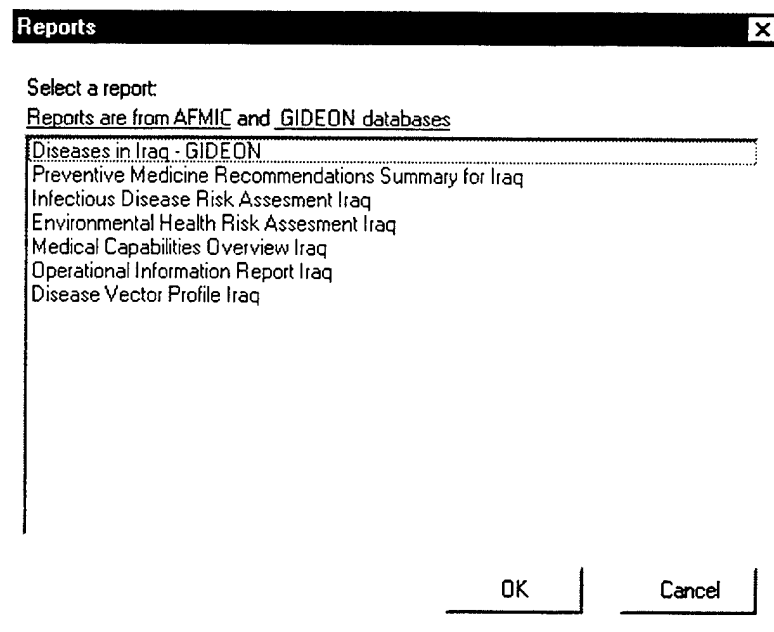
9. Highlight a report option and click **OK,** or double-click on a particular report to open it.

The selected report will display in a text editor. Click the printer icon to print the report. Click the **Close** button or the X in the upper right-hand corner to return to FMSS.

Iraq

Environmental Health Risk Assessment of Medical, Environmental, and Disease Intelligence, and Countermeasures (MEDIC)

Executive Summary

Environmental factors posing the greatest risk (in descending order) to troops deployed to Iraq include water contaminated with raw sewage and industrial run-off, poor sanitation, seasonal temperature extremes, and dust and sand storms (most severe from May to October).

Environmental Health Risks of Operational Importance

TOPOGRAPHY: Iraq has a land area of 434,854 sq km (167,925 sq mi), slightly more than twice the size of Idaho. It consists of broad desert plains, hills, and mountains. The two major rivers, the Euphrates and Tigris, flow southeast across the country into the Shatt al-Arab (elevation 8 feet above sea level), which discharges into the Persian Gulf. Most of the population is concentrated along these rivers. Iraq can be divided into five geographic regions: (1) The Zagros Mountains region is broad, rough and stony, extending along the borders of Iran and Turkey. Numerous peaks exceed 3,281 meters (10,000 feet). (2) The Foothills region is hilly and intersected by deep valleys containing mountain streams

Now that you have created a Unit, you may start entering demographic and Sickcall data for the unit. See Chapter 3, *Recording Patient Data.*

Recording Patient Data

Before you can record basic demographics or assign a diagnosis to an individual, you must first create a database and unit. For instructions on creating a new database and unit, see Chapter 2, *Installation and Setup*.

Demographics

Demographic data are entered from the **Demographics** menu. If the patient has never been entered into FMSS you will need to enter demographic information before entering Sick-call data.

New Demographic

1. Select *New Demographics.* . . from the **Demographics** menu.

The "*New Demographic -- Unit: Unit name*" dialog box will appear:

New Demographics -- Unit: Bravo

SSN:	Branch: US Marine Corps ▼
Last Name:	Rank: E-1 ▼
First Initial:	Status: Combatant ▼
DOB: (mm-dd-yyyy)	

Sex
- (•) Male
- ( ) Female

Race
- (•) White
- ( ) Black
- ( ) Other

OK   Cancel

2. Enter the patient's *social security number* in the **SSN:** text edit box. FMSS will automatically insert separators after the first three numbers and before the last four numbers.

3. Type the patient's *last name* in the **Last Name:** text edit box.

4. Type the patient's *first initial* in the **First Initial:** text edit box.

5. Type the patient's *birth date* in the **DOB (dd-mm-yy)** text edit box. Dates should be entered in the following format: day, month, year (dd-mm-yy). FMSS will automatically insert separators between the day and the month.

The options *Male*, *White*, *US Marine Corps*, *E-1*, *and Combatant* are default settings. If you want to change the settings follow steps 6 through 10 for instructions.

6. Click on the *male* or *female* option in the **Sex** option box.

7. Click on the *white*, *black*, or *other* option in the **Race** option box.

8. Select a military branch (*US Marine Corps, US Navy, US Army, US Air Force*) from the **Branch** list box.

9. Scroll through the **Rank** list box by using the arrows or scroll bar until the patient's rank appears. Select the appropriate rank (*Enlisted 1-9, Warrant, Officer 01-06, or Other*).

10. Select the status from the **Status** list box (*Combatant, Support, Staff, or Other*).

11. Click **OK** to accept your entries or **Cancel** to exit without accepting your entries.

Edit Demographic

1. Select *Edit Demographic. . .* from the **Demographics** menu.

The "*Edit Demographic – Unit: Unit name*" dialog box will appear:

```
┌─────────────────────────────────────────────────────────────────┐
│ Edit Demographic - Unit: Bravo                              [X]  │
│                                                                   │
│  SSN:           │567-87-9943        ▼│  Branch: │US Marine Corps ▼│
│                                                                   │
│  Last Name:     │Smith              │   Rank:   │E-1            ▼│
│                                                                   │
│  First Initial: │J                  │   Status: │Combatant      ▼│
│                                                                   │
│  DOB: (mm-dd-yyyy) │05-29-1967      │                            │
│                                                                   │
│  ┌─Sex──────┐     ┌─Race──────┐                                  │
│  │ ⦿ Male   │     │ ⦿ White   │                                  │
│  │          │     │ ○ Black   │                                  │
│  │ ○ Female │     │ ○ Other   │                                  │
│  └──────────┘     └───────────┘                                  │
│                                                                   │
│                              OK           Cancel                  │
└─────────────────────────────────────────────────────────────────┘
```

2. Select an SSN from the **SSN** drop-down list. This will call up the patient's demographic record.

3. Make changes to some or all the fields and click **OK**.

Delete Demographic

1. Select _Delete Demographic_. . . from the **Demographics** menu.

The _"Delete Demographic – Unit: Unit name"_ dialog box will appear:

```
┌──────────────────────────────────────────────────────────────┐
│ Delete Demographic - Unit: Bravo                         [X]  │
│                                                                │
│   SSN:          [567-87-9943    ▼]   Branch: [US Marine Corps ▼]│
│                                                                │
│   Last Name:    [Smith        ]      Rank:   [E-1            ▼]│
│                                                                │
│   First Initial: [J           ]      Status: [Combatant      ▼]│
│                                                                │
│   DOB: (mm-dd-yyyy) [05-29-1967]                              │
│                                                                │
│   ┌─Sex──────┐      ┌─Race──────┐                            │
│   │ (• Male  │      │ (• White  │                            │
│   │          │      │  ( Black  │                            │
│   │  ( Female│      │  ( Other  │                            │
│   └──────────┘      └───────────┘                            │
│                                                                │
│                              [   OK   ]      [  Cancel  ]     │
└──────────────────────────────────────────────────────────────┘
```

4. Select an SSN from the **SSN** drop-down list. This will call up the patients demographic record.

5. Click **OK** to delete all records for this particular patient.

   Note

   Deleting a patient's demographic data will also delete all additional data that may have been collected.

Adding Diagnosis

If the patient has never been entered into FMSS you will need to enter demographic information before entering Sick-call data (see previous section). If the patient is already in FMSS you can call up the patient's record by selecting his or her SSN from the _"Patient Search"_ dialog box.

1. Select _New Diagnosis_. . . from the **Sick-call Data** menu.

The _"New Diagnosis--Patient Search"_ dialog box will appear:

New Diagnosis - Patient Search ☒

Highlight the patient's name then click the OK
button to display the "New Condition" dialog box.

907-04-6009	B	Beard	▲
157-30-2066	J	Mathews	
207-71-1088	C	O'hare	
402-00-3026	L	Bird	
122-67-1082	N	Rasputin	
111-11-1111	R	Smith	
222-22-2222	T	Jones	
333-33-3333	T	Church	
555-55-5555	U	Lee	
666-66-6666	J	Motley	
777-77-7777	T	Joney	▼

| OK | Cancel |

2. Scroll through the list using the arrows on the right. Highlight the SSN and name and click **OK**.

The "*New Diagnosis-- Name (SSN)*" dialog box will appear:

New Diagnosis -- B Beard (907-04-6009) ☒

Diagnosis | Consultations | Clinical Studies | Treatments | Duty Status |

Date of diagnosis (mm-dd-yyyy): `01-31-2001` ▼ Provider: `<< None >>` ▼

Major Reporting Categories

<< None >>	▲
Heat Injury	
Diarrhea/Gastrointestinal	
Dermatological	
Respiratory	
Injury - Upper Extremity	
Injury - Lower Extremity	
Injury - Back	
Injury - Other	
Unexplained Fever	
Sexually Transmitted Disease	
Ophthalmological	
Psychiatric	▼

Diagnosis Help:

Signs and Symptoms	Please select the Diagnosis
ICD-9 Disease List	Description using the Major Categories list or one of the
Disease Profiles	Diagnosis Help buttons.
GIDEON Disease List	

Diagnosis Description:
Please select a diagnosis

| OK | Cancel |

All diagnoses are entered in the **Diagnosis Description** text edit box located at the bottom right corner of the dialog box. The *"New Diagnosis--Name (SSN)"* dialog box also allows you to select a provider (Corpsman, Doctor, Specialist, or Other). You can enter Consultations, Clinical Studies, Treatments and Duty Status by clicking on the appropriate tab.

Note

You may want to enter information in the following areas: Consultations, Clinical Studies, Treatments, and Duty Status. For instructions read the appropriate section: Entering Consultations, pg. 21; Entering Clinical Studies, pg 21; Entering Treatments, pg. 22 or Entering Duty Status, pg.. 23.

There are several ways you can enter a diagnosis for a patient. You can select a general category from the **Major Reporting Categories** list box. You can use **Signs and Symptoms** to derive a diagnosis or select from a comprehensive list of illness and injuries under **ICD-9 Disease List** or **GIDEON Disease List**.

Selecting a Major Reporting Category

If you do not know the specific disease but want to categorize the patient's aliment, you can select a category from the **Major Reporting Categories** scrolling list box. (There are 24 Major Reporting Categories; see Appendix B for a complete list available in FMSS).

For example, a patient comes in with a rash, and you cannot identify the disease and are not properly trained as a clinician. You have the option, however, to categorize the aliment by selecting *Dermatological* from the **Major Reporting Categories** list box. To select a Major Reporting Category follow these instructions:

1. From the *"New Diagnosis--Patient's name (SSN)"* dialog box, scroll through the **Major Reporting Categories** list box until the category you want appears. Highlight the category name.

The Major Reporting Category will now appear in the **Diagnosis Description** text edit box. See sample screen above.

Select Diagnosis Using Signs and Symptoms

1. Select the **Signs and Symptoms** push button from the *"New Diagnosis--Patient's name (SSN)"* dialog box.

The *"Signs and Symptoms – Country name"* dialog box will appear:

Signs and Symptoms - Iraq ☒

Country of Disease Acquisition: |Iraq ▼|

Signs and Symptoms

- ⊞ The patient is an adult
- ⊞ The patient is a child
- ⊞ Severely ill or requires hospitalization
- ⊞ Fever
- ⊞ Illness is recurrent or >= 3 weeks
- ⊞ Compromized host
- ⋯ Jaundice
- ⊞ Gastrointestinal or intraabdominal
- ⊞ Pulmonary, thoracic or cardiac
- ⊞ Skin and soft tissue
- ⊞ Lymphadenopathy
- ⋯ Splenomegaly
- ⊞ Neurological
- ⊞ Opthalmological
- ⊞ Ears, nose, throat and oral cavity

To display signs and symptoms in the Clinical Summary box, single click on all related signs and symptoms from the list box on the left. Click OK for presumptive diagnosis.

Clear >

Clear All >>

Clinical Summary

Illness is recurrent or >= 3 weeks
Skin and soft tissue

Sign and Symptom description:

Signs and symptoms referable to the central or peripheral nervous systems

OK   Cancel

The *Signs and Symptoms* dialog box allows you to select from a primary and secondary list of signs/symptoms and laboratory results (if available) to derive a probability-based diagnosis. Primary signs/symptoms are listed with a plus (+) sign. Click on the plus (+) sign to expand the secondary signs/symptoms. Once the symptomatology and laboratory findings are entered for your patient, the input is processed by a Bayesian matrix, and compatible diagnoses are presented in order of probability. FMSS also highlights any potential biological weapons agents in yellow that appear on this list.

2.   After you have selected all the primary and secondary signs and symptoms click **OK**.

The "*Diagnosis Results*" dialog box will appear:

Diagnosis Results ☒

Disease	Probability(%)	
▶ Pyodermas (furunculosis, impetigo etc)	59.6	
Mediterranean spotted fever	32.61	
Anthrax	6.31	

Listed Diseases
Profiles

Selected Diseases
Information
Distribution
Reference
CCDM

Diagnosis type:
○ Suspected   ○ Confirmed   ○ Classify

OK   Cancel

The push buttons located on the right-hand side of the dialog box (**Profiles, Information Distribution, and CCDM**) contain additional information to help you make an accurate diagnosis. The following explains each push button.

Profiles: If you need to profile the differential list of diseases by Agents, Vectors, Reservoirs, or Vehicles, select the **Profiles** push button under Listed Diseases. Here you can quickly determine the epidemiological profile of any of the diseases listed.

Information: More information is provided for each disease by first selecting a particular disease then clicking the **Information** push button on the right. This loads up additional epidemiological data concerning that particular disease.

Distribution: the **Distribution** push button will list all the countries in the world where this disease is known to occur.

CCDM The **CCDM** push button will bring up the current *Control of Communicable Disease Manual*, which provides very detailed information on all the known infectious and parasitic diseases of the world. It includes information on Identification, Infectious agent, Occurrence, Reservoir, Mode of transmission, Incubation period, Period of communicability, Susceptibility and resistance, Preventive measures, Control of patient, Contacts and the immediate environment, Epidemic measures, Disaster implications, and International measures. Once you have determined the most likely diagnosis, select the **Suspected, Confirmed,** or **Classify** option. The following three options are explained below.

Note: You can highlight any of the diseases that appear in this list, right-click the mouse to copy, and past it in the Find box of CCDM to go directly to that particular disease.

- **Confirmed:**: is selected if the Bayesian probability is >80% or if you feel reasonably certain that you have selected the right diagnosis.

- **Suspected**: is used by the program to help establish an epidemiologically linked case to those cases having a more definitive diagnosis, either through laboratory results or other supporting evidence.

- **Classify**: uses a sophisticated algorithm to cluster individuals who have similar signs and symptoms, but do not have enough supporting evidence to assign a reasonable diagnosis. Classify is used by the program to help establish a case definition for those individuals based on their presenting signs and symptoms.

3. Click **OK** to exit out of the *"Diagnosis Results"* dialog box.

This will return you to the *"New Diagnosis--Patient's name (SSN)"* dialog box. You will notice your selected disease will appear in the **Diagnosis Description** text edit box, and will appear in the appropriate **Major Reporting Category.**

Selecting From the ICD-9 Disease List

Sometimes you will know the diagnosis and simply want to enter it by selecting from a detailed list of disease and injuries. If you want to select from the **ICD-9 Disease List** follow the instructions below (see Appendix B, for a complete list).

1. From the *"New Diagnosis--Patient's name (SSN)"* dialog box, select the **ICD-9 Disease List** push button. In the previous example, we had a patient with a rash and could only assign him to the general category, Dermatological. A second opinion assures us that it is dermatitis, probably caused from contact with plants. Using the **ICD-9 Disease List**, scroll down to *Skin Disease-Other.*

The "ICD9 Disease List" dialog box will appear:

2. Scroll down until *"Skin Disease—Other"* appears and highlight it.

You will notice that *"Skin Disease—Other"* now appears in the **Major Category** list box and a Minor Category list now appears.

```
┌─────────────────────────────────────────────────────┐
│ ICD9 Disease List                                 ▣ │
├─────────────────────────────────────────────────────┤
│                      ┌────────────────────────────┐  │
│   Major Category     │Skin Disease - Other        │  │
│                      └────────────────────────────┘  │
│                      ┌────────────────────────────┐  │
│   Minor Category     │                            │  │
│  ┌──────────────────────────────────────────────┐   │
│  │Dermatitis/Dermatosis                         │   │
│  │Psoriasis                                     │   │
│  │Pruritis                                      │   │
│  │Nails                                         │   │
│  │Hair/Hair Follicles                           │   │
│  │Sebaceous Glands                              │   │
│  │Urticaria                                     │   │
│  │▐Other                                       ▌│   │
│  │                                              │   │
│  │                                              │   │
│  │                                              │   │
│  │                                              │   │
│  │                                              │   │
│  └──────────────────────────────────────────────┘   │
│                                                      │
│   ┌─────────┐          ┌────────┐   ┌────────┐       │
│   │ Clear   │          │  OK    │   │ Cancel │       │
│   └─────────┘          └────────┘   └────────┘       │
└─────────────────────────────────────────────────────┘
```

3. Select *Dermatitis/Dermatitis* from the **Minor Category** list.

Based on your first and second selections a list of specific options will appear:

```
┌─────────────────────────────────────────────────────┐
│ ICD9 Disease List                                 ▣ │
├─────────────────────────────────────────────────────┤
│                      ┌────────────────────────────┐  │
│   Major Category     │Skin Disease - Other        │  │
│                      └────────────────────────────┘  │
│                      ┌────────────────────────────┐  │
│   Minor Category     │Dermatitis/Dermatosis       │  │
│  ┌──────────────────────────────────────────────┐   │
│  │▐Dermatitis Due To Plants/Incl Poison Ivy    ▌│   │
│  │Dermititis - Other                            │   │
│  │Dermatitis - Unspec                           │   │
│  │Bullous Dermatoses/Incl Pemphigus Pemphigoi   │   │
│  │Heat Rash                                     │   │
│  │Sunburn                                       │   │
│  │                                              │   │
│  │                                              │   │
│  │                                              │   │
│  │                                              │   │
│  │                                              │   │
│  │                                              │   │
│  │                                              │   │
│  └──────────────────────────────────────────────┘   │
│                                                      │
│   ┌─────────┐          ┌────────┐   ┌────────┐       │
│   │ Clear   │          │  OK    │   │ Cancel │       │
│   └─────────┘          └────────┘   └────────┘       │
└─────────────────────────────────────────────────────┘
```

4. Select *"Dermatitis Due to Plants/Including Poison Ivy"* and click **OK** to accept your selections.

Note

>   If you accidentally select the wrong category, click on the **Clear** button to start over.

This will bring you back to the *"New Diagnosis—Patient's name (SSN)"* dialog box. Notice that the category Dermatology in the **Major Reporting Category** list box is highlighted. FMSS maps each diagnosis to one of the 24 Major Reporting Categories.

5. Choose the **OK** push button if you are finished entering diagnostic information.

Select Diagnosis Using Disease Profiles

This allows you to quickly select Agents, Vectors, Reservoirs, or Vehicles and search for diseases that match your profile.

1. Select the **Disease Profiles** push button from the *"New Diagnosis—Patient's name (SSN),"* dialog box.

The *"Disease Profile"* dialog box will appear:

2. Click on an Agent from the **Agents** list box. Repeat for each list box.

A list of diseases matching the selected profile will appear on the right.

3. Click on a disease from the list and click **OK**.

Select Diagnosis Using GIDEON Disease List

This will bring up a list of all known infectious and parasitic diseases that occur throughout the world. This option is useful if you already know what infectious disease your patient is presenting with, or you want more information on the epidemiology and distribution. The other useful feature of this option is the **Profiles** option. For example, prior to deployment you have been briefed by your field entomologist that there is an unusual abundance of ticks in the country this spring. By using the **Profiles** option you can select Tick under Vectors, then push the **Search** button and the program will return a list of all known infectious diseases with a tick as their vector occurring in the particular country. This will alert you to all the potential tick-borne infectious diseases that you might encounter during this deployment.

1 Select the **GIDEON Disease List** push button from the "*New Diagnosis—Patient's name (SSN)*" dialog box.

The "*GIDEON Disease List*" dialog box will appear:
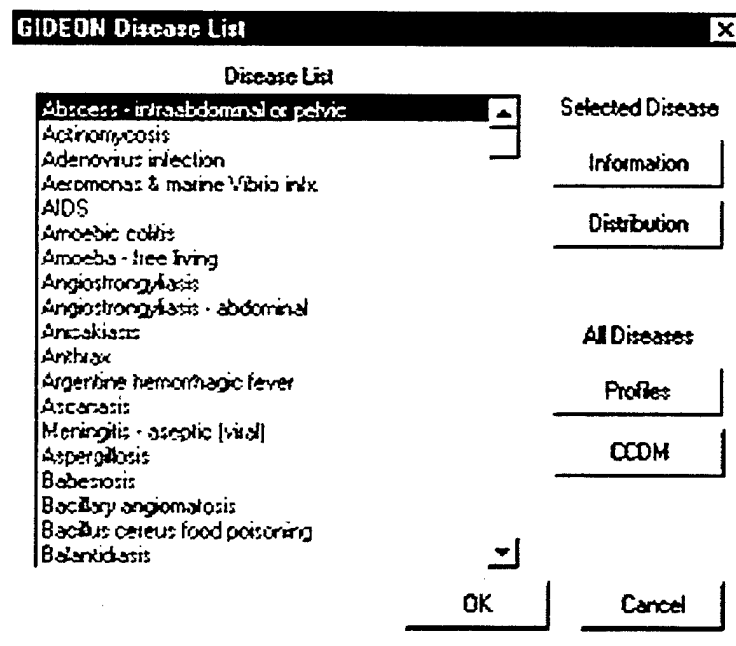
The push buttons located on the right of the dialog box are supplementary information for either selected diseases (Information, Distribution) or all diseases (Profiles, CCDM).

2. After you have selected a Disease from the **Disease List**, click **OK**

This will return you to the "*New Diagnosis--Patient's name (SSN)*" dialog box. You will notice your selected disease will appear in the **Diagnosis Description** text edit box.

Entering Consultations

New Diagnosis -- B Beard (907-04-6009) ⊠

Diagnosis Consultations | Clinical Studies | Treatments | Duty Status |

Consultation Categories	Results	Provider
<< None >>	<< None >>	<< None >>
Opthalmology	Confirmed Diagnosis	Corpsman
Orthopedics	Did Not Confirm Diagnosis	Doctor
Radiology	Pending	Specialist
Surgery	Other	Other
Other		

Consultation Record

	Consultation	Results	Provider	
Add >	Opthalmology	Confirmed Diagnosis	Specialist	
Delete <				

OK   Cancel

---

1. Select the Consultation tab on the *"New Diagnosis–Patient's name (SSN)"* dialog box.

You have the option of selecting Consultation Categories, Results, and a Provider from this tab.

2. Click on a Consultation Category, Result, and Provider from the appropriate list boxes.

3. Select the **Add>** push button to add to the Consultation Record.

If you need to delete your entries click on the entry and push the **Delete,<** button.

Entering Clinical Studies

New Diagnosis -- B Beard (907-04-6009) ⊠

Diagnosis | Consultations Clinical Studies | Treatments | Duty Status |

Study Categories	Results	Provider
<< None >>	<< None >>	<< None >>
Urine	Confirmed Diagnosis	Corpsman
Blood Chemistry	Did Not Confirm Diagnosis	Doctor
Culture	Pending	Specialist
X-Ray	Other	Other
Bone Scan		
Other		

Clinical Record

	Studys	Results	Provider	
Add >	Blood Chemistry	Did Not Confirm Diagnosis	Corpsman	
Delete <				

OK   Cancel

4. Select the Clinical Studies tab on the "*New Diagnosis–Patient's name (SSN)*" dialog box.

You have the option of selecting a Clinical Studies Category, Result, and a Provider from this tab.

5. Click on a Clinical Study Category, Result, and Provider from the appropriate list boxes.

6. Select the **Add>** push button to add to the Consultation Record.

If you need to delete your entries click on the entry and push the **Delete<** button.

Entering Treatments

7. Select the Treatments tab on the "*New Diagnosis–Patient's name (SSN)*" dialog box.

You have the option of selecting a Treatment Category, Result, and Provider from this tab.

8. Click on a Treatment Category, Result and Provider from the appropriate list boxes.

9. Select the **Add>** push button to add to the Consultation Record.

If you need to delete your entries click on the entry and push the **Delete<** button.

Entering Duty Status

10. Select the Duty Status tab on the "*New Diagnosis–Patient's name (SSN)*" dialog box.

You have the option of selecting Duty Status and Start and Stop Dates from this tab.

11. Click on a Duty Status and Start and Stop Dates from the appropriate list boxes.

12. Select the **Add>** push button to add to the Consultation Record.

If you need to delete your entries click on the record and push the **Delete<** button.

Editing a Diagnosis

1. Select *Edit Diagnosis*. . . from the **Sick-call Data** menu.

The "*Edit Diagnosis–Patient Search*," dialog box will appear:

2. Highlight the SSN and name and click **OK**

The "*Patient Data – Patient's name (SSN)*" dialog box will appear:

Patient Data - C O'hare (207-71-1088)

Date	Type of Visit	Description	▲
07-27-2000	Diagnosis	Injury - Upper Extremity	
09-27-2000	Diagnosis	Diarrhea/Gastrointestinal	

◄| | ►|▼

OK   Cancel

3. Select a Diagnosis and click **OK.**

The "*Edit Diagnosis—Name (SSN)*" dialog box will appear:

Edit Diagnosis - B Beard (907-04-6009)

Diagnosis | Consultations | Clinical Studies | Treatments | Duty Status |

Date of diagnosis (mm-dd-yyyy): |08-06-2000 ▼| Provider: |Corpsman ▼|

Major Reporting Categories

Diarrhea/Gastrointestinal	▲
Dermatological	
Respiratory	
Injury - Upper Extremity	
Injury - Lower Extremity	
Injury - Back	
Injury - Other	
Unexplained Fever	
Sexually Transmitted Disease	
Ophthalmological	
Psychiatric	
Other - Unspecified	
Supplemental - Musculoskeletal	▼

Diagnosis Help:

Signs and Symptoms

ICD-9 Disease List

Disease Profiles

GIDEON Disease List

Please select the Diagnosis Description using the Major Categories list or one of the Diagnosis Help buttons.
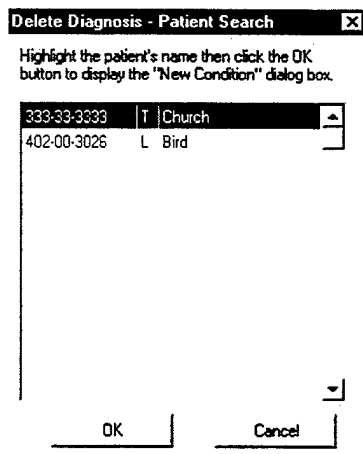
Diagnosis Description:
Concussion

OK   Cancel

4. Select a new Diagnosis and enter all or none of the following: **Consultations, Clinical Studies, Treatments,** and **Duty Status**.

5. Click **OK** to accept your edits.

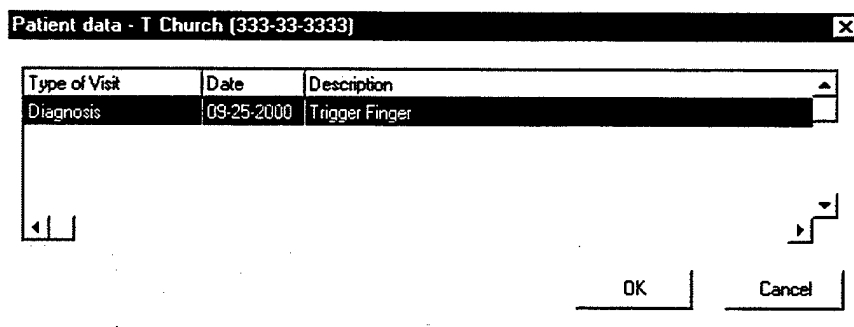**Deleting a Diagnosis**
1. Select *Delete Diagnosis. . .* from the **Sick-call Data** menu.

2. The "*Delete Diagnosis—Patient Search*," dialog box will appear:

Delete Diagnosis - Patient Search

Highlight the patient's name then click the OK
button to display the "New Condition" dialog box.

333-33-3333	T	Church
402-00-3026	L	Bird

OK   Cancel

3. Highlight the SSN and name and click **OK**.

The "*Patient Data – Patient's name (SSN)*" dialog box will appear:

Patient data - T Church [333-33-3333]

Type of Visit	Date	Description
Diagnosis	09-25-2000	Trigger Finger

OK   Cancel

4. Select a new Diagnosis and click **OK**.

A warning will appear.

WARNING

You are about to delete a condition
and any possible subrecords for this condition!
Are you sure?

Yes   No
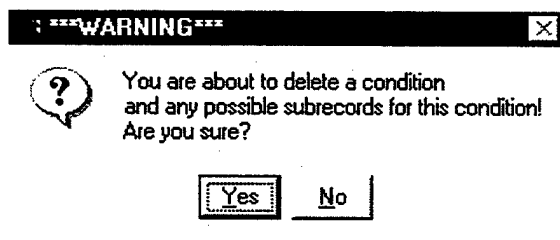
5. Click **Yes** to delete the diagnosis and all records for that particular diagnosis.

Generating Reports

Daily Log

Daily log reports will show you the count and ratio for either all diseases or major disease categories.
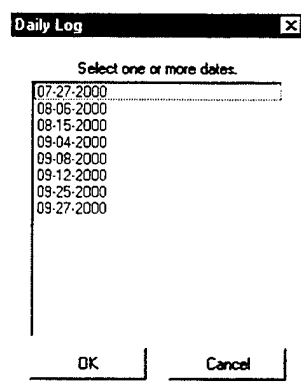
Follow the instructions below to display or print a daily log.

1. Select *Daily Logs...* from the **Reports** menu.

The *"Daily Log"* dialog box will appear:

```
┌──────────────────────────────┐
│ Daily Log                  ⊠ │
├──────────────────────────────┤
│      Select one or more dates.│
│ ┌──────────────────────────┐ │
│ │07-27-2000                │ │
│ │08-06-2000                │ │
│ │08-15-2000                │ │
│ │09-04-2000                │ │
│ │09-08-2000                │ │
│ │09-12-2000                │ │
│ │09-25-2000                │ │
│ │09-27-2000                │ │
│ │                          │ │
│ │                          │ │
│ │                          │ │
│ │                          │ │
│ └──────────────────────────┘ │
│   ___OK___      __Cancel__    │
└──────────────────────────────┘
```

2. Select one or more dates and click **OK.**

The Daily Log will appear in a text editor window. Click the printer icon to print the report. Click the **Close** button to return to FMSS.

Generated   09-27-2000   Page   1
SURVEILLANCE REPORT FOR SELECTED DATE: 09-27-2000
MAJOR REPORTING CATEGORIES

Unit Name: Bravo
Location   Iraq
Strength :   1000

Reporting Categories	Count	Ratio %/per-wk	Goal %/per-wk
Diarrhea/Gastrointestinal	6	4.2	0.5
Dermatologic	3	2.1	0.5
Respiratory	1	0.7	0.2
Injury - Upper Extremity	1	0.7	0.2
TOTAL	11	7.70	NA

Page 1 of 1

Patient History

1.   Select *Patient History. . .* from the **Reports** menu.

The "*Patient History–Patient Search*" dialog box will appear:

Patient History -- Patient Search ☒

Highlight the patient's name then click OK.

222-22-2222	T	Jones
234-22-3342	B	Dylan
333-33-3333	T	Church
342-34-2343	A	Andersen
402-00-3026	L	Bird
545-66-6666	J	Tom
555-55-5555	U	Lee
666-66-6666	J	Motley
777-77-7777	T	Joney
888-88-8888	L	Hermson
907-04-6009	B	Beard

OK   Cancel

2.   Select a name and click **OK**.

The Patient History report will appear in a text editor window. Click the printer icon to print the report. Click the **Close** button to return to FMSS.

PATIENT HISTORY REPORT FOR SELECTED DATES: 07-27-2000 - 09-27-2000

Patient Data - C O'hare (207-71-1088)

Unit Name:	Bravo
Location	Iraq
Strength :	1000

| Diagnosis | | Injury - Upper Extremity | 07-27-2000 |
| Diagnosis | | Diarrhea/Gastrointestinal | 09-27-2000 |

Reportable Conditions

1. Select *Reportable Conditions. . .* from the **Reports** menu.

The Reportable Conditions report will appear in a text editor window. Click the printer icon to print the report. Click the **Close** button to return to FMSS.

Reportable Conditions

Condition	:	Hepatitis A
Incounter	:	Diagnosis
Patient	:	Bird , L
Date	:	09-25-2000
Sex	:	Male
Race	:	White
DOB	:	03-29-1959
Branch	:	US Marine Corps
Rank	:	E-8
Op Status	:	Support

Classification Reports

1. Select *Classification Report. . .* from the **Reports** menu.

The Classification report will appear in a text editor window. Click the printer icon to print the report. Click the **Close** button to return to FMSS.

Surveillance Reports

1. Select *Surveillance Reports. . .* from the **Reports** menu.

2. From the *"Surveillance Report"* dialog box you can view a Text Report and/or a Time Series Graph.

To view a Text Report following the instruction below:

3. Click on the **Incidence Text Report** option.

4. Select one or more dates and click **OK.**

Note

You will not have to select from the list of diseases and classes because the Incidence Text report provides information for all diseases.

To view a Time Series Graph follow these instructions:

5. Click on the **Incidence Time Series** option.

6. Select one or more dates and one or more diseases.

7. Click **OK.**

Surveillance Graphs

1. Select *Surveillance Graphs* ... from the **Reports** menu.

```
┌─────────────────────────────────────────────────────────────────────┐
│ Surveillance Graphs                                            [X]    │
├─────────────────────────────────────────────────────────────────────┤
│ ┌Graph Options┐ ┌Disease(s)┐                                        │
│                                                                      │
│  Unit(s)          Variables                                          │
│ ┌──────────┐    ┌──────────────┐    Bars represent                  │
│ │ Bravo    │    │ Age          │     (•) Number of Cases  ( ) Incident Rate │
│ │          │    │ Agent        │                                     │
│ │          │    │ Branch       │    Plot Type                        │
│ │          │    │ Date(s)      │     (•) Bar    ( ) Line   ( ) Point │
│ │          │    │ Disease      │                                     │
│ │          │    │ Race         │    Reports will be generated for units selected in │
│ │          │    │ Rank         │    the Units box, comparing variables selected in │
│ │          │    │ Reservoir    │    the Variables box, and for diseases in the │
│ │          │    │ Sex          │    Selected Disease(s) box on the Disease(s) tab. │
│ │          │    │ Signs and Symptoms │                              │
│ │          │    │ Status       │          Selected Variables ...     │
│ │          │    │ Vector       │     ┌──┐  ┌──────────────┐          │
│ │          │    │ Vehicle      │     │◄ │  │              │          │
│ │          │    │              │     └──┘  │              │          │
│ │          │    │              │          │              │          │
│ │          │    │              │    ┌─────┐│              │          │
│ │          │    │              │    │Clear││              │          │
│ └──────────┘    └──────────────┘    └─────┘└──────────────┘          │
│                                                                      │
│                                       ┌──────┐    ┌──────┐           │
│                                       │  OK  │    │Cancel│           │
│                                       └──────┘    └──────┘           │
└─────────────────────────────────────────────────────────────────────┘
```

The "*Report Options*" dialog box will appear:

2. Select one or more diseases.

3. Select one or more units.

4. Select a variable for the X axis and click the right arrow to the left of the **X axis**: text edit box.

5. Select a variable for the Y axis and click the right arrow to the left of the **Y axis** text edit box.

6. Select either the **Number of Cases** or the **Incident Rate** option.

7. Select a plot type and click **OK.**

Resources

FMSS provides the following on-line medical references from the **Resources** drop-down menu: *Control of Communicable Diseases Manual (CCDM)*, *Medical, Environmental, Disease, Intelligence, and Countermeasures (MEDIC)* and *Tri-service Reportable Events* Guidelines and case definitions (TSRE).
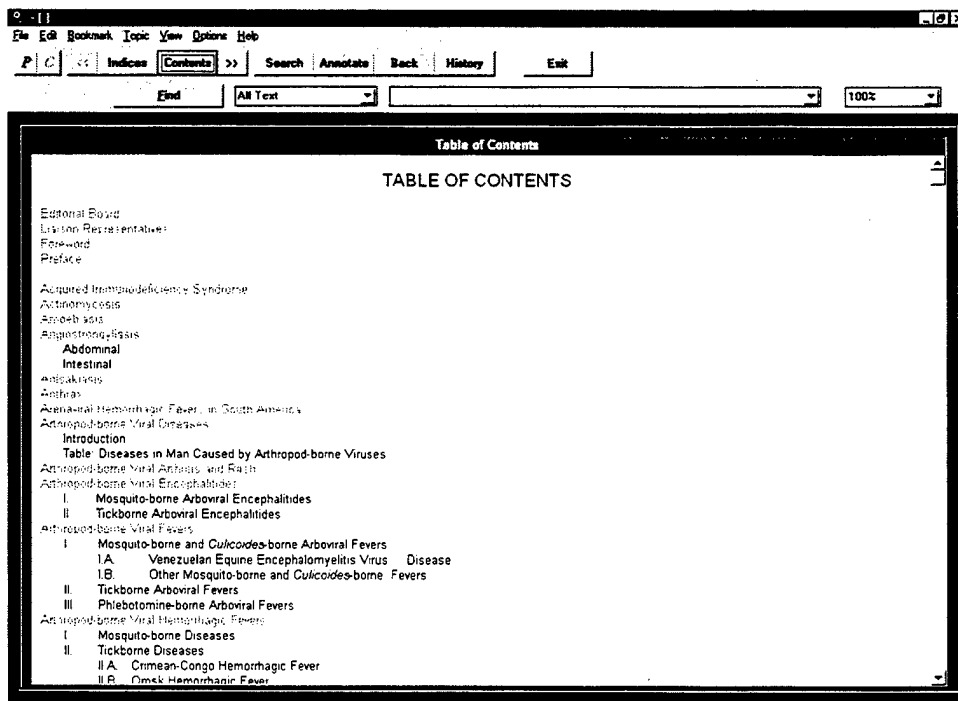
CCDM

The *Control of Communicable Disease Manual*, published by the American Public Health Association, provides extensive information about communicable diseases. To view on-line information for a specific disease, follow these instructions:

1. Select *CCDM. . .* from the **Resources** menu.

The cover of the book will appear followed by the copyright screen.

2. Select **OK** to display the CCDM Table of Contents.

```
TABLE OF CONTENTS

Editorial Board
Liaison Representatives
Foreword
Preface

Acquired Immunodeficiency Syndrome
Actinomycosis
Amoebiasis
Angiostrongyliasis
    Abdominal
    Intestinal
Anisakiasis
Anthrax
Arenaviral Hemorrhagic Fever, in South America
Arthropod-borne Viral Diseases
    Introduction
    Table: Diseases in Man Caused by Arthropod-borne Viruses
Arthropod-borne Viral Arthritis and Rash
Arthropod-borne Viral Encephalitides
    I.      Mosquito-borne Arboviral Encephalitides
    II.     Tickborne Arboviral Encephalitides
Arthropod-borne Viral Fevers
    I.      Mosquito-borne and Culicoides-borne Arboviral Fevers
            I.A.     Venezuelan Equine Encephalomyelitis Virus    Disease
            I.B.     Other Mosquito-borne and Culicoides-borne  Fevers
    II.     Tickborne Arboviral Fevers
    III.    Phlebotomine-borne Arboviral Fevers
Arthropod-borne Viral Hemorrhagic Fevers
    I.      Mosquito-borne Diseases
    II.     Tickborne Diseases
            II.A.    Crimean-Congo Hemorrhagic Fever
            II.B.    Omsk Hemorrhagic Fever
```

3. Each main item in the Table of Contents can be selected with the mouse, which will display that section of the manual.
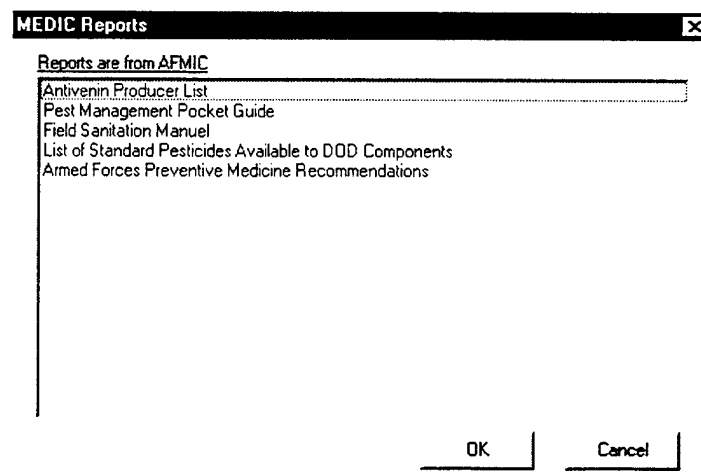
See sample display after clicking Anthrax.

ANTHRAX
ICD-9 022,ICD-10 A22

(Malignant pustule, Malignant edema, Woolsorter disease, Ragpicker disease)

1. **Identification** — An acute bacterial disease usually affecting the skin, but which may very rarely involve the oropharynx, lower respiratory tract, mediastinum or intestinal tract. In cutaneous anthrax, itching of an exposed skin surface occurs first, followed by a lesion that becomes papular, then vesicular, and in 2-6 days develops into a depressed black eschar. The eschar is usually surrounded by moderate to severe and very extensive edema, sometimes with small secondary vesicles. Pain is unusual and, if present, is due to edema or secondary infection. The head, forearms and hands are common sites of infection. The lesion has been confused with human orf (see Orf virus disease). Untreated infections may spread to regional lymph nodes and to the bloodstream with an overwhelming septicemia. Involvement of the meninges can occur. Untreated cutaneous anthrax has a case-fatality rate between 5% and 20%, but with effective antibiotic therapy, few deaths occur. The lesion evolves through typical local changes even after the initiation of antibiotic therapy.

Initial symptoms of inhalation anthrax are mild and nonspecific, resembling a common URI; acute symptoms of respiratory distress, x-ray evidence of mediastinal widening, fever and shock follow in 3-5 days, with death shortly thereafter. Intestinal anthrax is rare and more difficult to recognize, except that it tends to occur in explosive outbreaks of the food-poisoning type; abdominal distress is followed by fever, signs of septicemia and death in the typical case. An oropharyngeal form of primary disease has been described.

Laboratory confirmation is made by demonstration of the causative organism in blood, lesions or discharges by direct polychrome methylene blue (M'Fadyean)-stained smears or by culture or inoculation of mice, guinea pigs or rabbits. Serologic studies for later use in paired sera can be carried out only by specialized laboratories.

2. **Infectious agent** — *Bacillus anthracis*, a gram-positive, encapsulated, spore-forming, nonmotile rod.

3. **Occurrence** — Primarily a disease of herbivores, humans and carnivores are incidental hosts. An infrequent and sporadic human infection in most industrialized countries. Primarily an occupational hazard of workers who process hides, hair (especially from goats), bone and bone products and wool, and of veterinarians and agriculture and wildlife workers who handle infected animals. Human anthrax is endemic in those agricultural regions of the world where anthrax in animals is common, including countries in South and Central America, southern and eastern Europe, Asia and Africa. New areas of infection in livestock may develop through introduction of animal feed containing contaminated bone meal. Environmental events such as floods may provoke epizootics.

4. **Reservoir** — Animals, normally herbivores, both livestock and wildlife, shed the bacilli in terminal hemorrhages or spilt blood at death. On exposure to the air, the vegetative forms sporulate, and the spores of *B. anthracis*, which are very resistant to adverse environmental conditions and disinfection, may remain viable in contaminated soil for many years after the source-animal infection has terminated. Dried or otherwise processed skins and hides of infected animals may harbor the spores for years and are the fomites by which the disease is spread worldwide.

5. **Mode of transmission** — Cutaneous infection is by contact with tissues of animals (cattle, sheep, goats, horses, pigs and others) dying of the disease, possibly by biting

MEDIC Reports

The *Medical, Environmental, Disease, Intelligence, and Countermeasures* report, published by the Armed Forces Medical Intelligence Center, provides five generic reports. Follow these instructions to view these report options:

1. Select *MEDIC Reports. . .* from the **Resources** menu.

The following global report options will appear:

MEDIC Reports

Reports are from AFMIC

Antivenin Producer List
Pest Management Pocket Guide
Field Sanitation Manuel
List of Standard Pesticides Available to DOD Components
Armed Forces Preventive Medicine Recommendations

OK   Cancel

2. Select a report option and click **OK**.

Adobe Acrobat Reader will load the report on screen. See sample below:
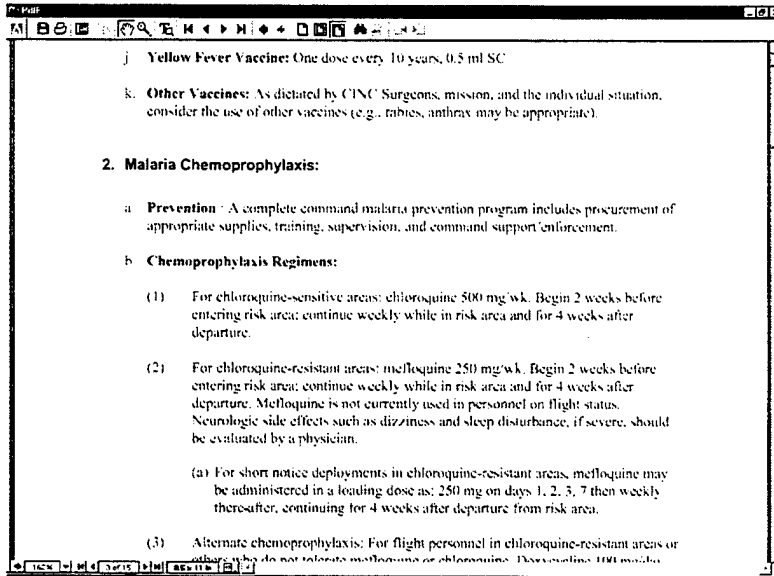
TSRE – Reportable Events Report

The Tri-Service Reportable Events report provides case definitions for all 85 tri-service reportable diseases.

To view the TSRE follow these instructions:

1. Select *TSRE – Reportable Events Report. . .* from the **Resources** menu.

Adobe Acrobat Reader will load the report on screen. See cover page below:

TRI-SERVICE
REPORTABLE EVENTS

GUIDELINES
&
CASE DEFINITIONS

Version 1.0

Prepared by:
**Army Medical Surveillance Activity
(AMSA)**

July 1998
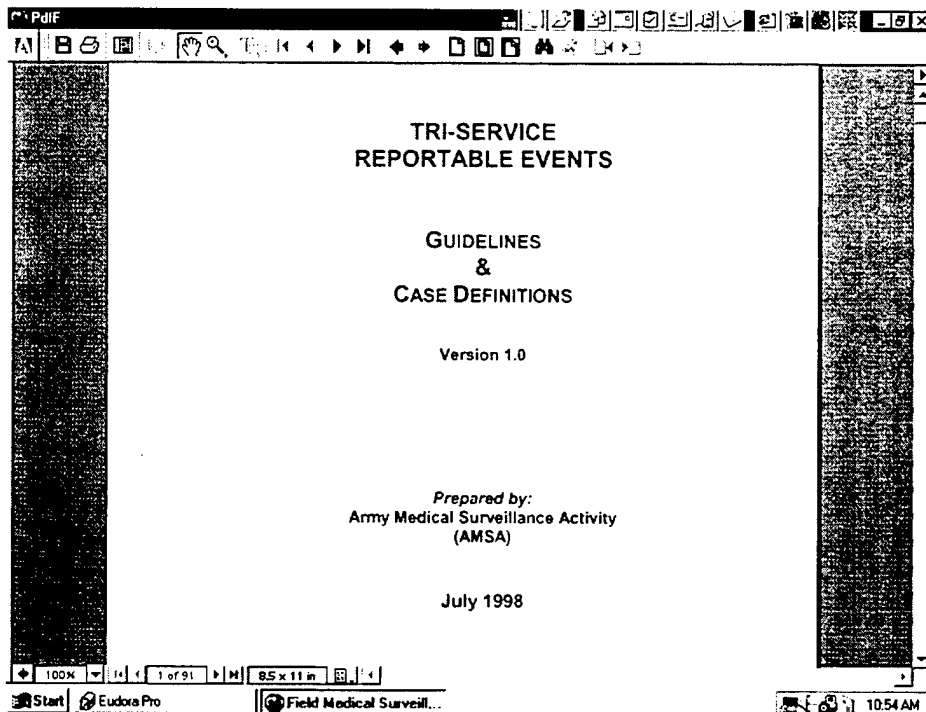
Diseases Included in the GIDEON Database

1. Abscess - intraabdominal or pelvic
2. Actinomycosis
3. Adenovirus infection
4. Aeromonas & marine Vibrio infx.
5. AIDS
6. Amoebic colitis
7. Amoebic abscess
8. Amoeba - free living
9. Angiostrongyliasis
10. Angiostrongyliasis - abdominal
11. Anisakiasis
12. Anthrax
13. Argentine hemorrhagic fever
14. Ascariasis
15. Meningitis - aseptic (viral)
16. Aspergillosis
17. Babesiosis
18. Bacillary angiomatosis
19. Bacillus cereus food poisoning
20. Balantidiasis
21. Barmah Forest disease
22. Bartonellosis - South American
23. Baylisascariasis
24. Bertielliasis
25. Blastocystis hominis infection
26. Blastomycosis
27. Bolivian hemorrhagic fever
28. Botulism
29. Brain abscess
30. Brainerd diarrhea
31. Brazilian purpuric fever
32. Brucellosis
33. Bunyaviridae infections - misc.
34. California encephalitis group
35. Campylobacteriosis
36. Candidiasis
37. Capillariasis - hepatic
38. Capillariasis - intestinal
39. Bartonellosis - Cat borne
40. Cercarial dermatitis

41. Chancroid

42. Chikungunya

43. Chlamydia infections, misc.

44. Chlamydia pneumoniae infection

45. Cholecystitis & cholangitis

46. Cholera

47. Chromomycosis

48. Chronic fatigue syndrome

49. Chronic meningococcemia

50. Clonorchiasis

51. Clostridial food poisoning

52. Clostridial myonecrosis

53. Clostridium difficile colitis

54. Coccidioidomycosis

55. Coenurosis

56. Colorado tick fever

57. Common cold

58. Conjunctivitis - inclusion

59. Conjunctivitis - viral

60. Cowpox

61. Crimean-Congo hemorrhagic fever

62. Cryptococcosis

63. Cryptosporidiosis

64. Cutaneous larva migrans

65. Leishmaniasis - cutaneous

66. Cyclospora infection

67. Cysticercosis

68. Cytomegalovirus infection

69. Dengue

70. Dermatophytosis

71. Dicrocoeliasis

72. Dientamoebal diarrhea

73. Dioctophyme renale infection

74. Diphtheria

75. Diphyllobothriasis

76. Dipylidiasis

77. Dirofilariasis

78. Dracunculiasis

79. Eastern equine encephalitis

80. Ebola Disease

81. Echinococcosis

82. Echinococcus - multilocular

83. Echinococcosis - American polycystic

84. Echinostomiasis

85. Ehrlichiosis - human monocytic

86. Ehrlichiosis - E. sennetsu

87. Ehrlichiosis - human granulocytic

88. Endemic syphilis (bejel)

89. Endocarditis - infectious

90. Entamoeba polecki infection

91. Enteritis necroticans

92. Enterobiasis

93. Enterovirus infection

94. Entomophthoramycosis

95. Epidural abscess

96. Nipah and Hendra viruses

97. Erysipelas or cellulitis

98. Erysipeloid

99. Erythrasma

100. Escherichia coli diarrhea

101. Tick-borne encephalitis: Central European

102. Tick-borne encephalitis: Russian spring-summer

103. Fascioliasis

104. Fasciolopsiasis

105. Filariasis - Brugia malayi

106. Filariasis - Brugia timori

107. Filariasis - Bancroftian

108. Bacterial vaginosis

109. Gastrodiscoidiasis

110. Giardiasis

111. Glanders

112. Gnathostomiasis

113. Gonorrhea

114. Granuloma inguinale

115. Group C viral fevers

116. Hantavirus resp. distress syndrome

117. Hantavirus infections - Old World

118. Hepatitis A

119. Hepatitis B

120. Hepatitis C

121. Hepatitis D

122. Hepatitis E

123. Hepatitis G and GB

124. Herpes simplex infection

125. Herpes simplex encephalitis

126. Herpesvirus simiae infection

127. Herpes zoster

128. Heterophyiasis

129. Histoplasmosis

130. Histoplasmosis - African

131. HIV infection - initial illness

132. Hookworm

133. Hymenolepis diminuta infection

134. Hymenolepis nana infection

135. Ilheus

136. Influenza

137. Intracranial venous thrombosis

138. Isosporiasis

139. Japanese encephalitis

140. Karelian fever

141. Kawasaki disease

142. Kikuchi's disease

143. Kingella infection

144. Kyasanur Forest disease

145. Lagochilascariasis

146. Laryngotracheobronchitis

147. Lassa fever

148. Legionellosis

149. Leprosy

150. Leptospirosis

151. Linguatulosis

152. Listeriosis

153. Liver abscess - bacterial

154. Lobomycosis

155. Loiasis

156. Louping ill

157. Lyme disease

158. Lymphocytic choriomeningitis

159. Lymphogranuloma venereum

160. Malaria

161. Malignant otitis externa

162. Mansonelliasis - M. ozzardi

163. Mansonelliasis - M. perstans

164. Mansonelliasis - M. streptocerca

165. Marburg virus disease

166. Mayaro

167. Measles

168. Mediterranean spotted fever

169. Israeli spotted fever

170. Japanese spotted fever

171. Astrakhan fever

172. African tick bite fever

173. Melioidosis

174. Meningitis - bacterial

175. Metagonimiasis

176. Metorchiasis

177. Microsporidiosis

178. Monkeypox

179. Mononucleosis - infectious

180. Leishmaniasis - mucocutaneous

181. Mumps

182. Murray Valley encephalitis

183. Mycetoma

184. Mycobacteriosis - M. marinum

185. Mycobacteriosis - M. scrofulaceum

186. Mycobacteriosis - M. ulcerans

187. Mycobacteriosis - systemic

188. Mycoplasma pneumoniae infection

189. Myiasis

190. Nanophyetiasis

191. Necrotizing skin/soft tissue infx.

192. Neutropenic typhlitis

193. New World phleboviruses

194. Nocardiosis

195. North Asian tick typhus

196. Gastroenteritis - viral

197. O'nyong nyong

198. Ockelbo disease

199. Oesophagostomiasis

200. Omsk hemorrhagic fever

201. Onchocerciasis

202. Opisthorchiasis

203. Orbital infection

204. Orf

205. Ornithosis

206. Oropouche

207. Osteomyelitis

208. Otitis media

209. Paracoccidioidomycosis

210. Paragonimiasis

211. Parainfluenza virus infection

212. Parvovirus B19 infection

213. Pasteurellosis

214. Pediculosis

215. Penicilliosis

216. Pentastomiasis

217. Pericarditis - bacterial

218. Perinephric abscess

219. Perirectal abscess

220. Peritonitis - bacterial

221. Pertussis

222. Pharyngeal & cervical space infx.

223. Pharyngitis - bacterial

224. Pinta

225. Pityriasis rosea

226. Plague

227. Plesiomonas enteritis

228. Pleurodynia

229. Pneumocystis pneumonia

230. Pneumonia - bacterial

231. Pogosta disease

232. Poliomyelitis (wild or vaccine)

233. Powassan

234. Prototothecosis

235. Pseudocowpox

236. Pyodermas (impetigo, abscess, etc)

237. Pyomyositis

238. Q fever

239. Queensland tick typhus

240. Flinders Island spotted fever

241. Rabies

242. Rat bite fever - spirillary

243. Rat bite fever - streptobacillary

244. Relapsing fever

245. Respiratory syncytial infection

246. Reye's syndrome

247. Rheumatic fever

248. Rhinoscleroma

249. Rhinosporidiosis

250. Rhodococcus equi infection

251. Rickettsia felis infection

252. Rickettsialpox

253. Rift Valley fever

254. Rocio

255. Rocky Mountain spotted fever

256. Roseola or human herpesvirus 6

257. Ross River disease

258. Rotavirus infection

259. Rubella

260. Sabia

261. Salmonellosis

262. Sandfly fever

263. Sarcocystosis

264. Scabies

265. Scarlet fever

266. Schistosomiasis - haematobium

267. Schistosomiasis - intercalatum

268. Schistosomiasis - japonicum

269. Schistosomiasis - mansoni

270. Schistosomiasis - mattheei

271. Schistosomiasis - mekongi

272. Septic arthritis

273. Septicemia - bacterial

274. Fungal infection - invasive

275. Shigellosis

276. Sindbis

277. Sinusitis

278. Smallpox

279. Sparganosis

280. Spondweni

281. Sporotrichosis

282. St. Louis encephalitis

283. Staphylococcal food poisoning

284. Strongyloidiasis

285. Subdural empyema

286. Suppurative parotitis

287. Syngamiasis

288. Syphilis

289. Taeniasis

290. Tanapox virus disease

291. Tetanus

292. Thelaziasis

293. Thogoto

294. Toxic shock syndrome

295. Toxocariasis

296. Toxoplasmosis

297. Trachoma

298. Bartonellosis - Other systemic

299. Trichinosis

300. Trichomoniasis

301. Trichostrongyliasis

302. Trichuriasis

303. Tropical phagedenic ulcer

304. Tropical pulmonary eosinophilia

305. Tropical sprue

306. Trypanosomiasis - African

307. Trypanosomiasis - American

308. Tuberculosis

309. Tularemia

310. Tungiasis

311. Typhoid and enteric fever

312. Typhus - endemic

313. Typhus - epidemic

314. Typhus - scrub

315. Urinary tract infection

316. Varicella

317. Venezuelan equine encephalitis

318. Venezuelan hemorrhagic fever

319. Vesicular stomatitis disease

320. Vibrio parahaemolyticus infection

321. Leishmaniasis - visceral

322. Wesselsbron

323. West Nile Fever

324. Western equine encephalitis

325. Whipple's disease

326. Wound infection

327. Yaws

328. Yellow fever

329. Yersiniosis

330. Zygomycosi

Disease and Injuries Included in the FMSS Database

1. Musculoskeletal System - Arthropathy/Joint
2. Polyarthropathy/Inflammatory
3. Arthritis/Infective
4. Arthritis/Rheumatoid
5. Polyarthropathy/Inflammatory - Other
6. Osteoarthritis
7. Osteoarthritis - Hand/Fingers/Thumb
8. Osteoarthritis - Shoulder
9. Osteoarthritis - Elbow
10. Osteoarthritis - Wrist
11. Osteoarthritis - Hip
12. Osteoarthritis - Knee
13. Osteoarthritis - Ankle/Foot
14. Loose Bodies
15. Loose Bodies - Knee
16. Loose Bodies - Elbow
17. Loose Bodies - Ankle/Foot
18. Effusion
19. Effusion - Elbow
20. Effusion - Knee
21. Effusion - Ankle
22. Hemarthrosis
23. Hemarthrosis - Knee
24. Arthralgia/Pain
25. Arthralgia/Pain - Shoulder
26. Arthralgia/Pain - Elbow
27. Arthralgia/Pain - Wrist
28. Arthralgia/Pain - Hand/Finger/Thumb
29. Arthralgia/Pain - Hip
30. Arthralgia/Pain - Knee (Excl Pat-Femoral Sy)
31. Arthralgia/Pain - Ankle
32. Arthralgia/Pain - Foot
33. Capsulitis
34. Capsulitis - Knee
35. Capsulitis - Ankle/Foot
36. Capsulitis - Shoulder
37. Capsulitis - Elbow
38. Capsulitis - Wrist
39. Capsulitis - Hip
40. Musculoskeletal System - Back/Spine
41. Facet Syndrome
42. Facet Syndrome - Back

43. Facet Syndrome - Neck

44. Spondylosis

45. Spondylosis/With Cord Impingement

46. Spondylosis/No Cord Impingement

47. Radiculopathy/Disc Displacement

48. Radiculopathy/Disc Displacement - Cervical

49. Radiculopathy/Disc Displacement - Lumbar/Sa

50. Radiculopathy/Disc Displacement - Thoracic

51. Radiculopathy/No Disc Disease - Cervical

52. Radiculopathy/No Disc Disease - Lumbosacral

53. Radiculopathy/No Disc Disease - Thoracic

54. Sciatica

55. Sciatica/No Known Disc Disease

56. Degenerative Disc Disease

57. Degenerative Disc Disease - Cervical

58. Degenerative Disc Disease - Thoracic

59. Degenerative Disc Disease - Lumbosacral

60. Degeneration - Intervertebral Disc/Unspec

61. Back Pain

62. Back Pain - Upper/Mid/Thoracic

63. Back Pain - Lumbosacral (Incl Mechanical)

64. Neck Pain

65. Neck Pain/Cervicalgia

66. Torticollis

67. Other

68. Spondylitis - Ankylosing

69. Musculoskeletal System - Tendinitis/Bursiti

70. Spinal Ensethopathy

71. Spinal Enthesopathy/Spinal Tendinitis

72. Sacroiliitis

73. Tendinitis/Bursitis - Shoulder/Upper Arm

74. Tendinitis/Bursitis - Rotator Cuff

75. Tenosynovitis - Biceps

76. Impingement Syndrome

77. Tendinitis/Tenosynovitis - Elbow/Forearm

78. Medial Epicondylitis/GolferGs Elbow

79. Lateral Epicondylitis/Tennis Elbow

80. Tendinitis/Tenosynovitis - Elbow/Other

81. Bursitis - Olecranon

82. De Quervains Tenosynovitis

83. Tendinitis/Tenosynovitis - Wrist/Hand/Finge

84. Tendinitis/Tenosynovitis - Wrist/Hand/Other

85. Trigger Finger

86. Tendinitis/Bursitis - Hip/Thigh

87. Tendinitis/Bursitis - Ischial/Hamstring Ori

88. Tendinitis/Bursitis - Trochanter

89. Tendinitis/Bursitis - Hip/Other

90. Tendinitis/Bursitis - Knee/Lower Leg

91. Tendinitis/Bursitis - Pes Anserine

92. Tendinitis - Infrapatellar

93. Tendinitis - Suprapatellar

94. Tendinitis - Patella/Unspec

95. Bursitis - Patella/Unspec

96. Bursitis - Prepatellar

97. Iliotibial Band Syndrome

98. Patellafemoral Syndrome

99. Tendinitis/Bursitis - Ankle/Foot

100. Tendinitis - Tibia

101. Tendinitis - Peroneal

102. Tendinitis - Achilles

103. Plantar Fasciitis

104. Tendinitis/Tenosynovitis - Ankle/Foot/Other

105. Tendinitis/Bursitis - Other

106. Musculoskeletal System - Deformity/Acquired

107. Deformity/Acquired - Spine

108. Spondylolisthesis/Acquired

109. Deformity/Acquired - Back/Spine/Other

110. Deformity/Acquired - Hip

111. Deformity/Acquired - Hip/Other

112. Deformity/Acquired - Knee

113. Bipartite/Tripartite - Patella

114. Bakers Cyst - Knee

115. Plica - Knee

116. Deformity/Acquired - Knee/Other

117. Deformity/Acquired - Ankle/Foot

118. Calcaneal Bone Spur

119. Bunion/Bunionette

120. Deformity/Acquired - Ankle/Foot/Other

121. Deformity/Acquired - Toe

122. Hallux Valgus

123. Hallux Varus

124. Hammer Toe

125. Deformity/Acquired - Toe/Other

126. Deformity/Acquired - Shoulder

127. Deformity/Acquired - Shoulder/Other

128. Deformity/Acquired - Elbow/Forearm

129. Bone Spur/Exostosis - Elbow

130. Deformity/Acquired - Elbow/Forearm/Other

131. Deformity/Acquired - Wrist/Hand

132. Ganglion Cyst - Wrist

133. Deformity/Acquired - Wrist

134. Deformity/Acquired - Finger

135. Mallet Finger

136. Deformity/Acquired - Finger/Other

137. Musculoskeletal System - Osteopathy/Chondro

138. Osteomyelitis

139. Osteomyelitis/Acute

140. Osteomyelitis/Chronic

141. Myositis Ossificans

142. Osteochondritis Dessicans

143. Osteochondritis Dessicans - Knee

144. Osteochondritis Dessicans - Ankle Talar Dom

145. Chondromalacia

146. Chondromalacia/Surgical Diagnosis Only

147. Tietzes Disease

148. Tietzes Disease/Costochondral Junction Synd

149. Osgood Schlatter

150. Costochondritis

151. Musculoskeletal System - Other

152. Pain - Heel

153. Myalgia/Myositis/Trigger Point

154. Myalgia/Myositis

155. Trigger Point

156. Residual Foreign Body/Soft Tissue

157. Somatic Dysfunction

158. Somatic Dysfunction - Head

159. Somatic Dysfunction - Cervical

160. Somatic Dysfunction - Thoracic

161. Somatic Dysfunction - Lumbar

162. Somatic Dysfunction - Sacral

163. Somatic Dysfunction - Pelvic

164. Somatic Dysfunction - Lower Extremities

165. Somatic Dysfunction - Rib Cage

166. Somatic Dysfunction - Abdomen/Other

167. Joint Laxity

168. Internal Derangement/Laxity - Knee/Unspec

169. Laxity/Instability/Chronic - Ankle

170. Laxity - Joint Ligament

171. Musculoskeletal Disorder - Other

172. Back/Neck/Trunk - Other

173. Shouler/Upper Arm

174. Elbow/Forearm - Other

175. Wrist/Hand - Other

176. Hip/Thigh - Other

177. Knee/Lower Leg - Other

178. Ankle/Foot - Other

179. Injury - Fracture

180. Fracture - Open

181. Fracture - Skull/Open

182. Fracture - Face Bones/Open

183. Fracture - Vertebral Column/Open

184. Fracture - Ribs/Sternum/Open

185. Fracture - Pelvis/Open

186. Fracture - Clavicle/Open

187. Fracture - Scapula/Open

188. Fracture - Humerus/Open

189. Fracture - Radius/Ulna/Open

190. Fracture - Wrist/Hand/Open

191. Fracture - Femur/Open

192. Fracture - Tibia/Fibula/Open

193. Fracture - Patella/Open

194. Fracture - Ankle/Open

195. Fracture - Foot/Open

196. Fracture - Closed

197. Fracture - Skull/Closed

198. Fracture - Face Bones/Closed

199.Fracture - Vertebral Column/Closed

200.Fracture - Ribs/Sternum/Closed

201.Fracture - Pelvis/Closed

202.Fracture - Clavicle/Closed

203.Fracture - Scapula/Closed

204.Fracture - Humerus/Closed

205.Fracture - Radius/Ulna/Closed

206.Fracture - Wrist/Hand/Closed

207.Fracture - Femur/Closed

208.Fracture - Patella/Closed

209.Fracture - Tibia/Fibula/Closed

210.Fracture - Ankle/Closed

211.Fracture - Foot/Closed

212.Fracture - Stress

213.Fracture/Stress - Pelvis

214.Fracture/Stress - Femur Neck/Head

215.Fracture/Stress - Femur Shaft

216.Fracture/Stress - Femur/Lower End

217.Fracture/Stress - Tibia/Upper End

218.Fracture/Stress - Fibula/Upper End

219.Fracture/Stress - Tibia/Shaft

220.Fracture/Stress - Fibula/Shaft

221.Fracture/Stress - Ankle

222.Fracture/Stress - Heel

223.Fracture/Stress - Metatarsals

224.Fracture/Stress - Foot/Other

225.Stress Reaction/Periostitis

226.Stress Reaction/Periostitis - Pelvis

227.Stress Reaction/Periostitis - Femur

228.Stress Reaction/Periostitis - Ankle

229.Stress Reaction/Periostitis - Foot

230.Shin Splints/Periostitis - Tibia

231.Shin Splints/Periostitis - Fibula

232.Injury - Dislocation/Subluxation/Sprain

233.Disloc/Sublux/Spr - Back/Neck/Trunk

234.Dislocation - Cervical Vertebra

235.Dislocation - Thoracic/Lumbar Vertebra

236.Separation - Ac Joint

237.Disloc/Sublux/Spr - Shoulder/Upper Arm

238.Subluxation - Shoulder

239.Dislocation - Shoulder

240.Sprain - Shoulder/Upper Arm

241.Disloc/Sublux/Spr - Elbow/Forearm

242.Dislocation/Subluxation - Elbow

243.Sprain - Elbow/Forearm

244.Disloc/Sublux/Spr - Wrist/Hand/Fingers

245.Dislocation/Subluxation - Wrist/Hand

246.Dislocation/Sublux - Fingers

247.Dislocation/Subluxation - Thumb

248.Sprain - Wrist

249.Sprain - Hand/Fingers/Thumb

250.Sprain - Ucl/SkiierGs Thumb/GamekeeperGs
Th

251. Disloc/Sublux/Spr - Hip/Pelvis/Thigh

252. Dislocation/Subluxation - Hip

253. Snapping Hip Syndrome

254. Sprain - Hip/Other

255. Sprain - Thigh/Other

256. Disloc/Sublux/Spr - Knee/Lower Leg

257. Dislocation - Patella

258. Subluxation - Patella

259. Sprain - Anterior Cruciate Ligament

260. Sprain - Posterior Cruciate Ligament

261. Sprain - Lateral Collateral Ligament

262. Sprain - Medicial Collateral Ligament

263. Sprain - Knee/Lower Leg - Other

264. Disloc/Sublux/Spr - Ankle/Foot

265. Dislocation/Subluxation - Ankle

266. Dislocation/Subluxation - Foot/Toes

267. Sprain/Eversion - Ankle

268. Sprain/Inversion - Ankle

269. Sprain - Ankle/Unspec

270. Sprain - Foot/Toes

271. Injury - Strain

272. Strain - Back/Neck/Trunk

273. Strain - Neck/Cervical

274. Strain - Thoracic

275. Strain - Lumbar

276. Strain - Sacral

277. Strain - Back/Unspec

278. Strain - Shoulder/Upper Arm

279. Strain - Shoulder/Upper Arm

280. Strain - Elbow/Forearm

281. Strain - Wrist/Hand/Fingers

282. Strain - Wrist

283. Strain - Hip/Pelvis/Thigh

284. Strain - Hip Adductors (Groin Strain)

285. Strain - Hip Flexors

286. Strain - Gluteus

287. Strain - Hamstring

288. Strain - Quadriceps

289. Strain - Hip/Other

290. Strain - Thigh/Other

291. Strain - Knee/Lower Leg

292. Strain - Knee/Lower Leg/Other

293. Strain - Calf Muscles

294. Strain - Foot

295. Strain/Rupture - Achilles Tendon

296. Strain - Foot/Toes

297. Injury - Environmental

298. Heat Effects

299. Heat Fatigue - Transient

300. Heat Exhaustion

301. Heat Cramps

302. Heat Stroke

303. Heat Effects/Other

304. Cold Effects

305. Hypothermia

306. Frostbite

307. Immersion/Trench Foot

308. Drugs/Biological Substances

309. Toxic Effects - Drugs

310. Toxic Effects - Biological Substances

311. Chemicals

312. Toxic Effects - Exposure/Chemicals/Other

313. Gases/Fumes/Vapor

314. Toxicity - Carbon Monoxide

315. Toxicity - Carbon Dioxide

316. Deficiency - Oxygen

317. Toxicity - Gases/Fumes/Vapor/Other

318. Toxic Reaction - Ingested Foodstuffs

319. Toxic Reaction - Fish/Shellfish

320. Toxic Reaction - Plants

321. Animals

322. Toxic Reaction - Venomous Animals

323. Injury - Hazardous Marine Life

324. Diving

325. Barotrauma - Middle Ear/Incl Rupture

326. Barotrauma - Sinus

327. Barotrauma - Other

328. Rupture - Round Window

329. Rupture - Tympanic Membrane

330. Decompression Sickness

331. Gas Embolism - Arterial

332. Emphysema - Subcutaneous/Mediastinal

333. Pneumothorax (Diving Related)

334. Near Drowning

335. Toxicity - Oxygen

336. Deficiency - Oxygen

337. Toxicity - Carbon Dioxide

338. Caustic Alkali/Cocktail

339. Diving Injury - Other

340. Altitude

341. Altitude Decompression Sickness

342. Altitude Sickness

343. Explosion

344. Effects - Air Pressure/Explosion

345. Acoustic Trauma/Otic Blast Injury - Ear

346. Radiation

347. Toxic Effects - Radiation/Nuclear Exposure

348. Exposure/Exertion

349. Effects - Hunger/Starvation

350. Effects - Thirst

351. Dehydration/Volume Depletion

352. Exhaustion - Exposure

353. Exhaustion - Excessive Exertion

354. Other

355. Motion Sickness

356. Adult Maltreatment Syndrome

357. Injury - Dermatological/Wound

358. Open Wound/Laceration

359. Open Wound/Laceration - Eyeball

360. Open Wound/Laceration - Ocular Adnexa

361. Open Wound/Laceration - Ear

362. Open Wound/Laceration - Scalp

363. Open Wound/Laceration - Face

364. Open Wound/Laceration - Neck

365. Open Wound/Laceration - Chest

366. Open Wound/Laceration - Shoulder/Upper Arm

367. Open Wound/Laceration - Back

368. Open Wound/Laceration - Elbow/Forearm

369. Open Wound/Laceration - Wrist/Hand

370. Open Wound/Laceration - Fingers/Thumb

371. Open Wound/Laceration - Buttock

372. Open Wound/Laceration - Genital Organs

373. Open Wound/Laceration - Hip/Thigh

374. Open Wound/Laceration - Knee/Lower Leg

375. Open Wound/Laceration - Ankle/Foot

376. Open Wound/Laceration - Toes

377. Abrasion - Noninfected

378. Abrasion/Noninfected - Face/Scalp

379. Abrasion/Noninfected - Neck/Back/Trunk

380. Abrasion/Noninfected - Shoulder/Upper Arm

381. Abrasion/Noninfected - Elbow/Forearm

382. Abrasion/Noninfected - Wrist/Hand

383. Abrasion/Noninfected - Hip/Pelvis/Thigh

384. Abrasion/Noninfected - Knee/Lower Leg

385. Abrasion/Noninfected - Ankle/Foot/Toes

386. Abrasion - Infected

387. Abrasion/Infected - Face/Scalp

388. Abrasion/Infected - Neck/Back/Trunk

389. Abrasion/Infected - Shoulder/Upper Arm

390. Abrasion/Infected - Elbow/Forearm

391. Abrasion/Infected - Wrist/Hand/Fingers

392. Abrasion/Infected - Hip/Pelvis/Thigh

393. Abrasion/Infected - Knee/Lower Leg

394. Abrasion/Infected - Ankle/Foot/Toes

395. Blister - Noninfected

396. Blister/Noninfected - Face/Scalp

397. Blister/Noninfected - Neck/Back/Trunk

398. Blister/Noninfected - Shoulder/Upper Arm

399. Blister/Noninfected - Wrist/Hand/Fingers

400. Blister/Noninfected - Hip/Pelvis/Thigh

401. Blister/Noninfected - Knee/Lower Leg

402. Blister/Noninfected - Ankle/Foot/Toes

403. Blister - Infected

404. Blister/Infected - Face/Scalp

405. Blister/Infected - Neck/Back/Trunk

406. Blister/Infected - Shoulder/Upper Arm

407. Blister/Infected - Elbow/Forearm

408. Blister/Infected - Wrist/Hand/Fingers

409. Blister/Infected - Hip/Pelvis/Thigh

410. Blister/Infected - Knee/Lower Leg

411. Blister/Infected - Ankle/Foot/Toes

412. Superficial Foreign Body/Noninfected

413. Foreign Body/Noninfected - Face/Scalp

414. Foreign Body/Noninfected - Neck/Back/Trunk

415. Foreign Body/Noninfected - Shoulder/Upper A

416. Foreign Body/Noninfected - Elbow/Forearm

417. Foreign Body/Noninfected - Wrist/Hand/Finge

418. Foreign Body/Noninfected - Hip/Pelvis/Thigh

419. Foreign Body/Noninfected - Knee/Lower Leg

420. Foreign Body/Noninfected - Ankle/Foot/Toes

421. Insect Bites

422. Insect Bites - Face/Scalp

423. Insect Bites - Neck/Back/Trunk

424. Insect Bites - Shoulder/Upper Arm

425. Insect Bites - Elbow/Forearm

426. Insect Bites - Wrist/Hand/Fingers

427. Insect Bites - Hip/Pelvis/Thigh

428. Insect Bites - Knee/Lower Leg

429. Insect Bites - Ankle/Foot/Toes

430. Abrasion - Cornea

431. Abrasion/Superficial Laceration - Cornea

432. Contusion

433. Contusion - Eye/Black Eye

434. Contusion - Face/Scalp

435. Contusion - Neck/Back/Trunk

436. Contusion - Shoulder/Upper Arm

437. Contusion - Elbow/Forearm/Fingers

438. Contusion - Wrist/Hand

439. Contusion - Hip/Pelvis/Thigh

440. Contusion - Knee/Lower Leg

441. Contusion - Ankle/Foot

442. Crushing Injury

443. Crushing Injury - Face/Scalp

444. Crushing Injury - Back/Neck/Trunk

445. Crushing Injury - Shoulder/Upper Arm

446. Crushing Injury - Elbow/Forearm

447. Crushing Injury - Wrist/Hand/Fingers

448. Crushing Injury - Hip/Pelvis/Thigh

449. Crushing Injury - Knee/Lower Leg

450. Crushing Injury - Ankle/Foot/Toes

451. Burn

452. Burn - Face/Scalp

453. Burn - Back/Neck/Trunk

454. Burn - Upper Limb

455. Burn - Wrist/Hand/Fingers

456. Burn - Lower Limb

457. Injury - Internal

458. Trauma - Head

459. Concussion

460. Laceration/Contusion - Cerebrum

461. Intracranial Hemorrhage

462. Injury - Internal

463. Internal Injury - Heart/Lungs

464. Internal Injury - Gastrointestinal Tract

465. Internal Injury - Liver

466. Internal Injury - Spleen

467. Internal Injury - Kidney

468. Internal Injury - Pelvic Organs

469. Internal Injury - Other Intrathoracic Organ

470. Internal Injury - Other Intraabdominal

471. Foreign Body

472. Foreign Body - Eye

473. Foreign Body - Ear

474. Foreign Body - Nose

475. Foreign Body - Pharynx/Larynx

476. Foreign Body - Trachea/Bronchus/Lung

477. Foreign Body - Mouth/Esophagus/Stomach

478. Foreign Body - Intestine/Colon

479. Foreign Body - Anus/Rectum

480. Foreign Body - Digestive System

481. Foreign Body - Genitourinary Tract

482. Injury - Other

483. Injury - Brachial Plexus

484. Injury - Knee

485. Medial Meniscus

486. Lateral Meniscus

487. Other

488. Injury - Face/Neck

489. Injury - Trunk

490. Injury - Shoulder/Upper Arm

491. Injury - Elbow/Forearm

492. Injury - Wrist/Hand

493. Injury - Hip/Pelvis/Thigh

494. Injury - Knee/Lower Leg

495. Injury - Ankle Foot

496. Injury - Cranial Nerves

497. Injury - Spinal Cord

498. Adverse Effects - Other

499. Skin Disease - Infectious

500. Cellulitis

501. Cellulitis - Face

502. Cellulitis - Neck

503. Cellulitis - Trunk

504. Cellulitis - Upper Arm/Forearm

505. Cellulitis - Hand

506. Cellulitis - Buttock/Groin

507. Cellulitis - Leg

508. Cellulitis - Foot

509. Warts/Lesions

510. Molluscum Contagiosum

511. Common Wart (Verruca vulgaris)

512. Plantar Wart (Verruca plantaris)

513. Other

514. Pyoderma/Abscess/Carbuncle/Furuncle

515. Onychia/Paronychia/Infection - Finger

516. Onychia/Paronychia/Infection - Toe

517. Gangrene

518. Necrotizing Fasciitis

519. Impetigo

520. Local Infection/Lesion - Skin

521. Skin Disease - Other

522. Dermatitis/Dermatosis

523. Dermatitis Due To Plants/Incl Poison Ivy

524. Dermititis - Other

525. Dermatitis - Unspec

526. Bullous Dermatoses/Incl Pemphigus
     Pemphigoi

527. Heat Rash

528. Sunburn

529. Psoriasis

530. Pruritis

531. Pruritis/Related Conditions

532. Nails

533. Ingrown Toenail

534. Disease Of Nail - Other

535. Hair/Hair Follicles

536. Alopecia/Baldness

537. Folliculitis

538. Hair/Hair Follicles - Other

539. Sebaceous Glands

540. Acne

541. Cyst - Sebaceous

542. Sebaceous Glands - Other

543. Urticaria

544. Other

545. Cyst - Pilonidal

546. Corn/Callus

547. Keloid

548. Foreign Body Granuloma - Skin

549. Skin - Other

550. Respiratory System Disease - Infectious

551. Sinusitis

552. Sinusitis/Acute

553. Sinusitis/Chronic

554. Allergic Rhinitis

555. Upper Respiratory Infection

556. Common Cold/Acute Nasopharyngitis

557. Pharyngitis/Sore Throat/Excl Strep Throat

558. Strep Throat

559. Upper Respiratory Infection - Other

560. Tonsillitis

561. Peritonsillar Abscess

562. Pneumonia - Bacterial

563.Pneumonia/Pneumococcal

564.Pneumonia/HN Influenza

565.Pneumonia/Streptococcal

566.Pneumonia/Staphylococcal

567.Pneumonia/Bacterial - Other

568.Pneumonia - Viral

569.Pneumonia/Mycoplasma

570.Pneumonia/Viral - Other

571.Bronchitis

572.Influenza

573.Uncertain

574.Pneumonia - Unspecified

575.Respiratory System - Other

576.Structural Deformity

577.Deviated Nasal Septum

578.Polyps - Nasal

579.Epistaxis/Nose Bleed

580.Asthma

581.Pneumonitis

582.Respiratory Condition/External/Occupational

583.Respiratory - Disease/Symptoms/Other

584.Stridor

585.Cough

586.Hemoptysis

587.Pain/Respiration

588.Respiratory - Other

589.Genitourinary System Disease - Infectious

590.Urinary Tract

591.Pylonephritis

592.Cystitis

593.Urethritis/Excl Sexually Transmitted

594.Prostatitis

595.Epididymitis

596.Inflammation - Female Pelvic Organs

597.Vaginitis/Cervicitis

598.Genitourinary System Disease - Other

599.Urinary Tract

600.Renal Failure

601.Disorder of Kidney/Ureter - Other

602.Hematuria/Benign/Essential

603.Dysuria

604.Proteinuria

605.Abnormal Urine Findings

606.Disorder Bladder - Other

607.Disorder Urethra/Urinary Tract - Other

608.Impotence - Organic

609.Testicular Torsion

610.Infertility

611.Priapism

612.Disorder/Symptoms - Male Genitalia/Other

613.Endometriosis

614.Cyst - Ovarian

615. Dysmenorrhea

616. Premenstrual Syndrome

617. Amenorrhea

618. Pregnancy

619. Pregnancy/Ectopic - Unspec

620. Disorder/Symptom - Female Genitalia/Other

621. Other

622. Disorder - Breast/Incl Gynecomastia

623. Nervous System/Sense Organs - Infectious

624. Central Nervous System

625. Bacterial Meningitis

626. Viral Meningitis

627. Meningitis - Unspecified

628. Encephalitis - Unspecified

629. Eye

630. Viral Conjunctivitis/Serous

631. Bacterial Conjunctivitis/Mucopurulent

632. Conjunctivitis - Unspec

633. Ear

634. Otitis Media/Nonsuppurative

635. Otitis Media/Suppurative

636. Otitis Externa/Excl Fungal

637. Otitis Externa/Fungal

638. Nervous System/Sense Organs - Other

639. Central Nervous System

640. Headache/Migraine

641. Headache -other

642. Vertigo/Central

643. Vertigo/Unspec

644. Brain/Nervous System - Other

645. Eye

646. Cataract

647. Visual Disturbance/Color/Glare/Night/Snow

648. Visual Impairment/Incl Myopia

649. Ulcer - Cornea

650. Eye - Other

651. Ear

652. Impaction - Ear

653. Hearing Loss/Conductive

654. Hearing Loss/Sensorineural

655. Menieres Disease

656. Labyrinthitis

657. Dysfunction Eustachian Tube Excl/Barotrauma

658. Perforation - Tympanic Membrane/Excl Diving

659. Tinnitis/Unspec

660. Ear - Other

661. Neuropathy/Neuritits

662. Bell's Palsy

663. Carpal Tunnel Syndrome/Median Nerve Entrapm

664. Cubital Tunnel Syndrome/Ulnar Neuropathy

665. Mononeuritis - Upper Limb

666.Nerve - Lateral Femor Cutaneous

667.Tarsal Tunnel Syndrome

668.MortonGs Neuroma/Plantar Nerve Lesion

669.Mononeuritis - Lower Limb

670.Metatarsalgia

671.Digestive System - Infectious

672.Bacterial

673.Salmonella/Gastroenteritis

674.Shigellosis/Bacillary Dysentary

675.Cholera

676.Bacterial Enteritis - Other

677.Viral

678.Viral Enteritis

679.Protozoal

680.Giardiasis

681.Amebic Dysentary

682.Protozoal Intestinal Disease - Other

683.Food Poisoning

684.Food Poisoning/Staphylococcal

685.Food Poisoning/C. botulinum

686.Food Poisoning/Bacterial - Other

687.Food Poisoning/Unspec

688.Intestinal Infection - Other

689.Enteritis/Colitis/Gastroent - Presumed Infe

690.Enteritis/Colitis/Gastroent - Infect/Other

691.Digestive System - Other

692.Oral

693.Tmj Disorders

694.Canker Sore/Apthae

695.Ulcer

696.Ulcer - Gastric

697.Ulcer - Duodenal

698.Ulcer - Peptic Disease

699.Inflammatory

700.Esophagitis

701.Gastritis

702.Appendicitis

703.Hepatitis/Unspec

704.Gastroenteritis/Colitis - Noninfectious

705.Abscess - Anal

706.Hemorrhoids

707.Hernia

708.Hernia - Inguinal

709.Hernia - Abdominal/Other

710.Constitutional

711.Indigestion

712.Nausea/Vomiting

713.Heartburn

714.Flatulence/Belching/Gas Pain

715.Obstruction - Intestinal

716.Constipation

717.Diarrhea/Functional

718.Other

719.Blood/Stool

720.Pain - Abdomen

721.Swelling/Mass/Lump - Abdomen

722.Hepatomegally

723.Splenomegally

724.Ascites

725.Disease - Gallbladder/Incl Cholecystitis

726.Disease - Pancreas

727.Disease - Liver

728.Intestinal Disease - Other

729.Infectious - Viral Disease

730.Hepatitis

731.Viral Hepatitis A

732.Viral Hepatitis B

733.Viral Hepatitis - Other

734.Arthropod Borne

735.Yellow Fever

736.Dengue

737.Hemorrhagic Fever/Arthropod Borne

738.Arthropod Borne - Other

739.Herpes

740.Herpes Zoster

741.Herpes Simplex/Excl Genital

742.Chicken Pox/Varicella

743.Measles

744.Rubella

745.Rabies

746.Mumps

747.Mononucleosis

748.Mononucleosis/Infectious

749.Other

750.Coxsackie Virus

751.Viral Disease - Other

752.Infectious - Bacterial Disease

753.Zoonotic Bacterial Disease

754.Plague

755.Tularemia

756.Anthrax

757.Brucellosis

758.Meliodosis

759.Rat Bite Fever

760.Zoonotic Bacterial Disease - Other

761.Salmonella

762.Salmonella/Infection/Other

763.Typhoid

764.Leprosy

765.Diphtheria

766.Meningococcal Infection

767.Tetanus

768.Septicemia

769.Bacterial - Other

770.Streptococcus

771.Pneumococcus

772.EN Coli

773.HN Infuenza

774.Bacterial Disease/Infection - Other

775.Infectious - Fungal Disease

776.Tinea

777.Tinea - Scalp/Beard/Pseudo FN Barbae

778.Tinea - Cruris/Jock Itch

779.Tinea - Pedis/Athletes Feet

780.Tinea - Other

781.Candidiasis

782.Pityriasis Versicolor

783.Coccidioidomycosis

784.Histoplasmosis

785.Blastomycoses

786.Actimomycoses

787.Other

788.Mycoses - Other

789.Infectious - Other

790.Mycobacterial Disease

791.Primary Tuberculosis Infection

792.Ppd Converter

793.Rickettsial Disease

794.Typhus - Louse Borne

795.Typhus - Other

796.Rickettsioses - Tick Borne

797.Rickettsioses - Other

798.Malaria

799.Malaria/Falciparum

800.Malaria/Vivax

801.Malaria/Ovale

802.Malaria Other/Unspecified

803.Other Protozoal Disease

804.Amebiasis/Unspec

805.Toxoplasmosis

806.Leishmaniasis

807.Trypanosomiasis

808.Chlamydial Disease

809.Trachoma

810.Reiters Disease

811.Chlamydial Disease - Other

812.Spirochete Disease

813.Relapsing Fever

814.Leptospirosis

815.Spirochete Infection - Other

816.Ectoparasites

817.Pediculus Capitus/Head Lice

818.Pediculus Corporis/Body Lice

819.Pediculus Pubis/Pubic Louse/Crabs

820.Scabies

821.Infestation - Other

822.Worm Caused Disease

823.Helminthiasis - Intestinal

824.Infectious/Parasitic - Other

825.Sexually Transmitted Disease

826.Trichomonal

827.Trichomonal Vulvovaginitis

828.Trichomonal Urethritis

829.Trichomonal Prostatitis

830.Chlamydial

831.Lymphogramuloma Venereum

832.Granuloma Inguinale

833.Chlamydial Venereal - Other

834.Herpes

835.Herpes - Genital

836.Syphilis

837.Syphilis/Incl Positive Serology

838.Gonorrhea

839.Chancroid

840.Nongonococcal Urethritis

841.Genital Warts

842.Condyloma Acuminatum

843.Papilloma Venerum

844.Condyloma Latum/Secondary Syphilis

845.Other

846.Venereal Disease - Other

847.Administrative/General

848.Examination/Lab

849.Examination - Physical

850.Examination - Hearing

851.Examination - Eye

852.Examination - Gynecological

853.Examination - Radiological

854.Examination - Laboratory

855.Diagnostic Skin Testing

856.Suspected Pregnancy

857.Examination - Other

858.Consultation

859.Vaccination

860.Contraception

861.Prescription

862.Prophylactic Chemotherapy

863.Prescription Refill

864.Status - Post Surgical Procedure

865.Status - Post Surgical Procedure

866.Exposure - Communicable Disease

867.Contact/Exposure - Communicable Disease

868.Carrier/Susp Carrier - Infect/Excl Ppd Conv

869.Complication - Surgical Procedure

870.Occupational Problem

871.Occupational Circumstance/Maladjust/Other

872.Legal Problem

873.Other

874. Administrative Purpose - Other

875. Administrative Purpose - Unspec

876. Neoplasm

877. Malignancy

878. Malignant Melanoma - Skin

879. Malignant Neoplasm - Skin/Other/Incl Basal

880. Malignant Neoplasm - Testis

881. Malignant Neoplasm - Other

882. Other Tumor/Lesion

883. Tumor/Lesion - Bone/Soft Tissue/Skin

884. Tumor/Lesion - Other

885. Leukoplakia - Mouth

886. Lump/Mass - Breast

887. Actinic Kerotosis

888. Endocrine/Nutrition/Metabolic Disease

889. Endocrine Disease

890. Thyroid Disorders

891. Endocrine - Other

892. Nutrition/Metabolic Disease

893. Nutritional Disease/Disorder

894. Obesity

895. Metabolic Disease/Disorder

896. Blood Disease

897. Sickle Cell Trait

898. Anemia

899. Mental Disorder

900. Affective Disorder

901. Affective Disorders/Incl Depression

902. Psychosis

903. Schizophrenia

904. Neurosis

905. Neurotic Disorders/Incl Anxiety

906. Personality Disorder

907. Sexual Deviation

908. Sexual Deviations/Disorder

909. Impotence/Psychogenic

910. Alcohol Related

911. Alcohol Dependence Syndrome

912. Alcohol Abuse

913. Alcohol Psychosis

914. Drug Related

915. Drug Dependence

916. Drug Abuse

917. Drug Psychosis

918. Interpersonal Problem

919. Marital Problems

920. Parent/Child Problems

921. Health Problems/Family

922. Illegitimacy/Illegitimate Pregnancy

923. Adverse Effects/Work Environment

924. Interpersonal Problems/Unclass

925. Stress Related

926.Acute Reaction - Stress

927.Adjustment Reaction

928.Physiological Reaction

929.Phase Shift/2Thr Cycle/Jet Lag/Time Zone

930.Sleepwalking

931.Headache - Tension

932.Psychological/Physical Stress - Other

933.Suicide

934.Suicide - Gesture/Ideation

935.Suicide - Attempt

936.Suicide - Completion

937.Circulatory System Disease

938.Cardiac

939.Cardiac Murmur/Functional

940.Cardiac Murmur/Undiagnosed

941.Abnormal Heart Sounds - Other

942.Cardiac Conduction Disorder

943.Cardiac Dysrythmias

944.Palpitations

945.Cardiac Arrest

946.Cardiogenic Shock

947.Heart - Other

948.Circulatory System

949.Atherosclerosis

950.RaynaudGs Syndrome

951.Thrombophlebitis

952.Circulatory System - Other

953.Congenital Anomaly

954.Patella Alta

955.Hypospadias/Epispadias

956.Scoliosis

957.Pes Planus/Flat Foot

958.Pes Cavus/Rigid Foot/High Arch

959.Spondylolysis

960.Spondylolisthesis

961.Spina Bifida Occulta

962.Kyphoisis

963.Symptom/Sign/Ill-Defined Condition

964.Cardiac

965.Chest Pain/Precoridal

966.Chest Pain/Unspec

967.Respiratory

968.Hyperventilation

969.Neurologic

970.Alteration Of Consciousness

971.Sleep Disturbance

972.Transient Paralysis - Limb

973.Meningismus

974.Tetany

975.Dizziness

976.Immunologic

977.Fever/Unknown Origin

978.Lymphadenopathy

979.Allergic

980.Anaphylactic Shock

981.Angioneurotic Edema

982.Allergy - Unspec/Incl Immune Reaction

983.Other

984.Shock/Incl Hypovolemic/Septic

985.Abnormal Blood
986.Chemistry

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